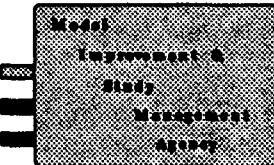


AD-A259 778



Deputy Under Secretary of the Army (Operations Research)

THE  
ARMY  
STUDY  
PROGRAM

DTIC  
ELECTED  
JAN 12 1993  
S C D

DISTRIBUTION STATEMENT A

Approved for public release  
Distribution Unlimited

FISCAL YEAR 1993 REPORT



93-00437



93 1 06 081



DEPARTMENT OF THE ARMY  
OFFICE OF THE UNDER SECRETARY  
WASHINGTON, D.C. 20310-0102



16 November 1992

SFUS-MIS

SUBJECT: Fiscal Year 1993 Army Study Program

SEE DISTRIBUTION

This document presents the major command and Army staff agency study agendas for Fiscal Year 1993. This year, as in previous years, The Army Study Program (TASP) comprises a wide range of analytical efforts which are intended to address the major issues of the Army under the auspices of Army Regulation 5-5, Army Studies and Analyses.

This is the seventh consecutive year in which the Army Study Program has been developed and examined with respect to Critical Army Issues. For this program, these issues have been updated through interviews and analyses of recommendations from senior Army leaders and members of the analysis community. For FY93, much of the Army Study Guidance concerned restructuring the force.

This document also examines studies with regard to their potential impact upon the Army. In addition, several listings of the studies in the annual program are provided. These listings group the analyses alphabetically by title for each sponsoring organization, by critical Army issue, by functional area, and by identification code.

As was done last year, the number of copies of the TASP being distributed has been held to a minimum. Comments or requests for additional copies may be made of this office by contacting me at DSN 246-8073, COM (703) 746-8073.

William D. Barr, Director  
Study Program Management Office  
U.S. Army Model Improvement and  
Study Management Agency

**SFUS-MIS**  
**SUBJECT: FY93 Army Study Program**

<b>DISTRIBUTION:</b>	<b>COPIES</b>
HQDA (ATTN: SASA)	1
HQDA (ATTN: SAUS)	1
HQDA (ATTN: SAUS-OR)	2
HQDA (ATTN: SACW)	2
HQDA (ATTN: SAFM)	2
HQDA (ATTN: SAILE)	2
HQDA (ATTN: SAMR)	2
HQDA (ATTN: SARDA)	2
HQDA (ATTN: SAIS)	2
HQDA (ATTN: SAGC)	2
HQDA (ATTN: SAPA)	2
HQDA (ATTN: SAAA-SS)	2
HQDA (ATTN: SADBU)	5
Office, Chief of Staff Army (ATTN: Mail & Records)	4
HQDA (ATTN: DACS-DPD)	2
HQDA (ATTN: DAMO-ZD)	4
HQDA (ATTN: DAPE-ZBR)	2
HQDA (ATTN: DALO-PLF)	2
HQDA (ATTN: DAMI-PBP)	2
HQDA (ATTN: DASG-HCD-D)	2
HQDA (ATTN: DACH-PPI)	2
HQDA (ATTN: DAJA-ZX)	1
HQDA (ATTN: DAEN-ZCM)	2
HQDA (ATTN: DAAR-PLO)	2
HQDA (ATTN: DAIG-ZA)	2
HQDA (ATTN: DAMH-ZA)	2
NGB (ATTN: NGB-ARC)	1
Army Library	4
CAA (ATTN: CSCA-MSM-O)	2
OPTEC (ATTN: CSTE-ZS)	2
Commander-In-Chief, US Army Europe & Seventh Army (ATTN: AEAGX-OR)	2
Commander: US Army Japan	2
Eighth US Army	2

**SFUS-MIS**

**SUBJECT: FY93 Army Study Program**

<b>DISTRIBUTION:</b>	<b>COPIES</b>
<b>Commander:</b>	
Army Training and Doctrine Command (ATTN: ATAN-SM)	10
US Army Forces Command (ATTN: FCJ8-REO)	2
US Army Materiel COMMAND (ATTN: AMCAQ)	2
US Army Information Systems Command (AS-RM-MP)	2
US Army Criminal Investigation Command (ATTN: CIRM-M-S)	2
US Army Military District of Washington (ATTN: ANRM-RE)	2
US Army Health Services Command (ATTN: HSCM-R)	2
US Army Intelligence & Security Command (ATTN: IAFI-CP-C)	2
US Army Logistics Management Center (ATTN: Mail and Records)	1
(ATTN: DLSIE)	2
US Army Strategic Defense Command (ATTN: DASD-BM)	1
Superintendent, US Army Military Academy (ATTN: MARM-MS)	2
<b>Director:</b>	
Strategic Studies Institute (ATTN: AWCI)	2
Defense Nuclear Agency (ATTN: LASS)	1
<b>Commandant:</b>	
US Army War College (ATTN: Library)	2
National Defense University (ATTN: Library)	4
US Army Command & General Staff College (ATTN: Library)	4
Armed Forces Staff College (ATTN: Library)	4
US Navy War College (ATTN: Library)	2
US Air War College (ATTN: Library)	2
Chief of Naval Operations (ATTN: OP916)	2
<b>Headquarters, US Air Force</b>	
(ATTN: AF/SA1)	1
(ATTN: AF/SAM1)	1
<b>Headquarters, US Marine Corps (ATTN: RDS-40)</b>	1
<b>Director, USMC Development &amp; Education Center (ATTN: DO35)</b>	1
<b>Office of the Joint Chiefs of Staff (ATTN: JAD)</b>	2
<b>Defense Technical Information Center (ATTN: DTIC-FDAC)</b>	2

## **CONTENTS**

	<b>Page</b>
<b>EXECUTIVE SUMMARY .....</b>	<b>v</b>
<b>CHAPTER 1: Introduction .....</b>	<b>1-1</b>
<b>CHAPTER 2: FY93 Army Study Program Overview .....</b>	<b>2-1</b>
<b>CHAPTER 3: Army Critical Issues .....</b>	<b>3-1</b>
<b>CHAPTER 4: Listing of FY93 Studies by Identification .....</b>	<b>4-1</b>
<b>CHAPTER 5: Listing of FY93 Studies by Functional Area ..</b>	<b>5-1</b>
<b>CHAPTER 6: Listing of FY93 Studies by Critical Issue .....</b>	<b>6-1</b>
<b>CHAPTER 7: Alphabetic Listing of the FY93 Studies by Study Sponsor .....</b>	<b>7-1</b>
<b>APPENDIX A: Glossary .....</b>	<b>A-1</b>
<b>APPENDIX B: Study Coordinators .....</b>	<b>B-1</b>
<b>APPENDIX C: DoD Studies &amp; Analyses Points of Contact ..</b>	<b>C-1</b>

## EXECUTIVE SUMMARY

This document contains The Army Study Program (TASP) for Fiscal Year 1993. This study program was approved at the Army Study Program Review, 20 August 1992. This review was chaired by the Deputy Under Secretary of the Army (Operations Research) and attended by representatives of Major Commands and Army Staff Agencies.

This report describes the annual study program in terms of the issues addressed by these studies, functional area, and potential impact upon the Army, as well as other characteristics of studies as contained in the Study Program data base. A comparison of the FY93 study program with study programs from prior years is also provided.

Data presented were collected from agencies and commands and tabulated and analyzed by the Study Program Management Agency. Salient results of the review follow:

o There are 436 studies in the FY93 Army Study Program. This is a decrease of 15 percent from FY92. As

in previous years, over one-half of the studies in the Army Study Program (241) are sponsored and performed by Training and Doctrine Command.

o The studies addressing major issue areas developed by the Issue Assessment Process increased as a proportion of all studies. About 50 percent of FY93 studies (217) address these issues as compared to 56 percent for FY92. All six major issue areas are addressed in the FY93 program.

o All functional areas are addressed by the FY93 Study program. Over one-third of these studies address Equipping the force. Studies which address Training continue to show a steady increase in representation over the years.

o About one-fourth of the studies in the FY93 Study Program have a potential for directly impacting how major commands and staff agencies function. Over 40 percent have a potential for contributing to the evaluation or management of programs and projects.

Accession For	
NTIS GRADE	<input checked="" type="checkbox"/>
DTIG TAB	<input type="checkbox"/>
Unpublished	<input type="checkbox"/>
Justification _____	
By <u>Ref AD-A130 1620</u>	
Distribution/	
Availability Codes	
Avail and/or	
Dist	Special
A-1	

**THIS PAGE INTENTIONALLY LEFT BLANK**

## CHAPTER 1

### INTRODUCTION

The Army Study Program comprises a wide range of analytical pursuits which address the major issues of the Army. These issues are enumerated annually in the Defense Guidance and The Army Plan. This document contains listings of analytical endeavors which have been identified by Headquarters, Department of the Army, Major Commands, subordinate staff agencies, and field operating agencies as falling within the purview of Army Regulation 5-5, "Army Studies and Analyses."

This FY93 program of planned and ongoing studies consists of 436 study efforts. In accordance with the definition provided in AR 5-5, these studies represent a broad class of analytical activity characterized by the application of the tools of operations or systems analysis to Army problems. They include development of assessments, alternatives, and methodologies and are intended to provide conclusions and recommendations to the decision-makers of the Army so that they can better perform their duties.

Annually, the Model Improvement and Study Management Agency (MISMA) issues the Army Study Guidance. Focused guidance for the study program is provided through the Issue Assessment Process. In this process, critical issues are derived from the expressed concerns of key individuals from within the Army.

Guidance is updated as studies addressing these issues are completed.

Proposed studies are subsequently submitted to MISMA where they are reviewed and presented to the Study Program Coordination Committee for development of the following year's Army Study Program. This document describes the Army Study Program developed for FY93. In conjunction with the annual evaluation of completed studies, this description represents an essential element in the continuing process of constructing a program that is sensitive and responsive to vital Army needs.

Chapter 2 provides an overview of the FY93 Army Study Program in terms of resources, functional area, potential impact upon the Army and other characteristics to allow the reader to gain some insight into the overall scope of the annual study program. Also included in this chapter are comparisons of the FY93 Army Study Program with programs for previous years. The comparisons serve to illuminate changes in direction and emphasis of the annual study programs. Comparisons are based on selected characteristics of studies and compare the figures of both planned and ongoing studies.

Chapter 3 provides a description of critical Army issues developed from the Issue Assessment Process. These issues provide direction and guidance

for the Army Study Program. Following this description is a tabular presentation and analysis of the extent to which the FY93 Army Study Program addresses these issues.

By reviewing the tables and data in these two chapters, the reader can draw inferences about the balance, priorities and resource implications of the annual Army Study Program.

Chapters 4 through 7 provide listings of the studies contained in the FY93 program sorted by sponsor, critical issue and by identification code. Appendix A provides a glossary of terms used in the management of the study program. Appendix B contains a list of Army study coordinators with office symbol, telephone numbers, and location. Appendix C provides a list of points of contact for DOD studies and analyses.

## CHAPTER 2

### FY93 ARMY STUDY PROGRAM OVERVIEW OVERALL DESCRIPTION

This chapter presents an overall description of the FY93 Army Study Program. Data are presented in frequency tables, accompanied by findings and interpretations of salient results.

The FY93 Army Study Program comprises 436 studies. This is a decrease from FY92 of over fifteen percent. The FY93 Program is described below in terms of several attributes. Characteristics examined in this chapter are functional area, resources, impact, and study sponsor.

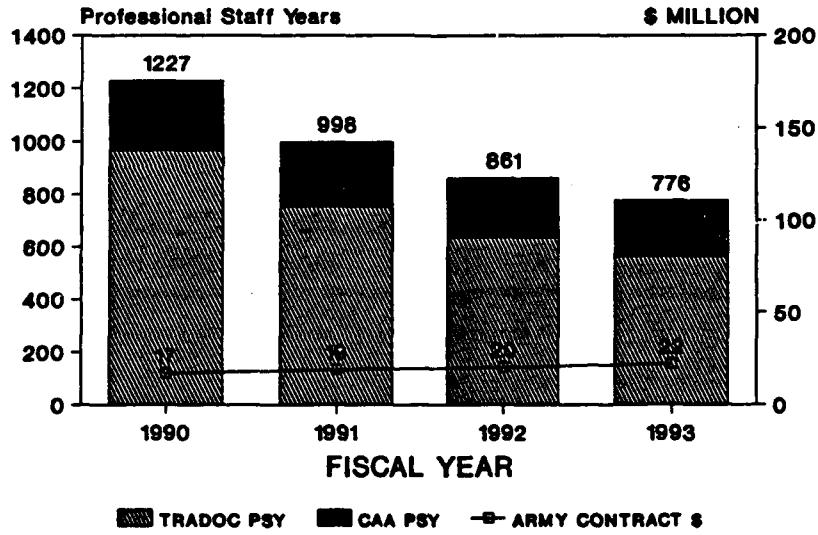
One of the most significant descriptors of Army studies is the extent to which critical issues are addressed. An overview of Army studies from this perspective is given in chapter 3.

### RESOURCES

Resources available to apply to Army studies are either organic, that is Army personnel, or contracted. Contracted resources are usually expressed in terms of dollar amount.

o As with other areas within the Department of Defense, resources for the Army Study Program are declining. Most notable is the reduction in Army personnel assigned to Army analytical organizations. About 95 percent of the organic analysis in the Army Study Program is conducted at TRADOC Analysis Command (TRAC) or Concepts Analysis Agency (CAA). The figure below shows a declining trend over the past four years for these two organizations. Indeed, from FY90 to FY93, there is a decrease in staff years of over 35%.

### STUDY PROGRAM RESOURCES



o Funds available for contracting analysis have shown some stability over the years. The above figure also shows the programmed amounts reported for the Army for the same four years. The chart indicates a gradual increase of about \$2 million per year.

o Some of this increase in contract funds is no doubt the result of decreased organic resources available for analysis. It is not enough, however, to compensate for the reduction. On an average, one million dollars equates to about seven staff years of work. Thus, the increase in contract funds offsets the average decrease of 112 PSY by only 14 additional analysis-

years. Put another way, there is a net loss of resources available to the Army Study Program of about 98 PSY per year.

#### FUNCTIONAL AREA

To capitalize on the functional expertise of the Army Staff, and to facilitate the development of the Army's program in terms useful to the senior decision-makers, nine functional areas have been established into which Army programs are classified. The table below describes the FY93 Army Study Program in terms of the functional area to which each study best applies.

DISTRIBUTION OF STUDIES BY FUNCTIONAL AREA

FUNCTIONAL AREA	N	N%	R%
Structuring	36	8	8
Manning	23	5	6
Training	73	17	19
Mobilizing/Deploying	52	12	3
Providing Facilities	2	<1	<1
Managing Information	30	7	6
Equipping	152	35	42
Sustaining	38	9	9
Managing	29	7	6
Total	436	100	100

*In this and the following tables, N is the number of studies, %N is the percent of studies, and %R is the percent of total resources available to the study program. In order to combine in-house (staff year) and contract (dollar) resources, monetary amounts were converted to contract-equivalent staff years (\$150,000 is equivalent to one staff-year). Resources reported are for the duration of the study and often extend into more than one fiscal year.*

- o Over one third of the studies in the FY93 Study Program relate to the functional area of Equipping. Typical of these studies are cost and Operational effectiveness analyses

(COEAs) and other weapon systems analysis. After Equipping, Training and Mobilizing/Deploying are the two most frequently represented functional areas.

- o Equipping is easily the dominant functional area in terms of resources applied (42 percent). Training places second with less than half the resources applying to it (19 percent).

- o Although Mobilizing/Deploying makes up about one-eighth of the studies in the FY93 program, it utilizes only three percent of the resources. Most of the studies in this functional area are conducted in-house and average only about one staff-year per project.

**DISTRIBUTION OF STUDIES BY FUNCTIONAL AREA**  
**Percent Resources by Year**

FUNCTIONAL AREA	FY88	FY89	FY90	FY91	FY92	FY93
Structuring	3	1	8	11	8	8
Manning	3	1	8	2	5	6
Training	15	16	13	10	12	19
Mobilizing/Deploying	4	4	11	5	5	3
Providing Facilities	<1	<1	<1	<1	0	<1
Managing Information	3	3	6	8	9	6
Equipping	64	64	34	57	51	42
Sustaining	6	6	15	4	6	9
Managing	2	2	4	4	5	6
Total	100	100	100	100	100	100

o When distribution of study resources are viewed over a six-year period, a rather stable pattern emerges. The functional areas of Equipping and Training have generally remained dominant. For FY93, however, the relative proportion of Equipping-related studies continued to decline from the FY91 level. This may be a reflection of the Department of Defense downsizing and corresponding reduction of acquisition activity.

o Conversely, studies related to Training and Sustaining continue to increase, compared to the last several years. Providing Facilities is always sparsely represented in the Study Program because the reporting of environmental impact and stationing

studies is not required by Army Regulation 5-5.

#### SPONSOR

Twenty-seven Army organizations will sponsor study efforts in the FY92 Study Program. In the following chart, the FY93 Army Study Program is displayed showing sponsoring organizations. For this discussion, HQDA sponsors have been combined into one group. MACOM which are dominant in number of studies, TRADOC and AMC, are shown separately. The remaining Major Commands are listed as "Other." Studies sponsored independently by the Concepts Analysis Agency (CAA) are included as part of HQDA.

NUMBER OF STUDIES BY STUDY SPONSOR

SPONSOR	N	N%	R%
HQDA	89	20	8
TRADOC	241	56	66
AMC	49	11	17
OTHER	57	13	9
TOTAL	436	100	100

o The organization sponsoring the largest number of studies (56%) is Training and Doctrine Command (TRADOC). Together with Headquarters, Department of the Army (HQDA), over three-fourths of the 436 studies are accounted for.

o The presence of TRADOC in the FY93 Study Program is even more pronounced when resources are considered. Sixty-six percent of study resources for FY93 are programmed for TRADOC. This would suggest that TRADOC studies are more resource

intensive than those of other organizations. It may also indicate that TRADOC studies are of longer than average duration, since resources reported are for the entire length of the study. From a review of the content of MACOM study programs, it can be seen that most of the "major" studies in the study program are conducted by TRADOC.

The table below provides a comparison of the FY93 Study Program to the program for previous years, distributed by study sponsor.

#### ANNUAL DISTRIBUTION OF STUDIES BY SPONSOR

SPONSOR	FY88	FY89	FY90	FY91	FY92	FY93
HQDA	94	92	113	108	115	89
TRADOC	176	247	303	267	286	241
AMC	27	21	17	60	56	49
OTHER	64	83	59	45	59	57
Total	361	443	502	480	516	436

o These data indicate a general trend toward increasing studies until from FY88 until FY92. The total number of studies in the Army Study Program declined by sixteen percent in FY93 to almost the same level as FY89.

o Perhaps the most striking observation drawn from this

distribution is that none of the sponsor-categories show an increase in the number of studies. Studies sponsored by HQDA showed the largest decrease in numbers. Two factors contributed to this phenomenon: a reduced number of inhouse studies and a tendency toward more resource intensive study contracts funded at HQDA.

o The following table shows study resources for the Study Program for the past six years. As stated on page 2-2, resources presented here are a composite of inhouse staff years and contract dollars converted to staff years. These are referred to here as Staff Year Equivalents (SYE). Interpretations based upon SYE must be made with the understanding that resources reported apply to the entire life of the study, which usually spans more than one fiscal year. Thus, these figures represent "sliding averages" rather than absolute values.

o As did the absolute number of studies for the FY93, SYE for this

Study Program decreased from the FY92 level, but not proportionately. Resources programmed for HQDA studies actually increased, but not nearly to the extent that AMC studies did. An examination of AMC-sponsored studies shows that some of these projects are from system developers; that is, Program Managers and Executive Officers. Although these organizations are no longer in the line of command for AMC, resources are often reported through that command. Increased reporting of these resource-intensive, highly technical studies has been the result of raised awareness of Contracted Advisory and Assistance Services.

**ANNUAL DISTRIBUTION OF STUDY RESOURCES BY SPONSOR**  
(Resources expressed in Staff Year Equivalents)

SPONSOR	FY88	FY89	FY90	FY91	FY92	FY93
HQDA	226	524	271	191	151	192
TRADOC	1054	1676	2127	1984	1590	1257
AMC	19	36	16	98	56	315
OTHER	253	304	121	107	192	139
Total	1552	2540	2535	2380	2025	1903

## IMPACT

Studies classified as having a primary impact have an immediate or direct impact upon how a command or agency operates. For example, one study in this group will examine MLRS rockets in contingency operations. Secondary impact studies contribute to the evaluation or management of a program or project. A good example of one of these studies is the "Glass Ceiling Study". This project will determine whether there exist barriers to advancement of women to executive positions within the Army and

recommend remedial action that may be required.

Tertiary impact efforts affect other studies or analyses or are conducted to provide insight. Several wargame models which provide assessments of contingency and operation plans in a variety of scenarios typify this category.<sup>②</sup>

o As the table, there is a preponderance of studies with a secondary impact in the FY93 Program.

DISTRIBUTION OF STUDIES BY STUDY IMPACT

IMPACT	N	%N	%R
Primary	120	28	36
Secondary	185	42	41
Tertiary	131	30	23
Total	436	100	100

<sup>②</sup>As defined, study impact classification has no direct implication for the significance or value of a study to the Army. Studies in all three impact categories are essential in much the same way as training and sustaining are essential to support warfighting capability. By contrast, the quality of analysis, its relevance to critical issues, and whether study results and findings are used and applied are important factors in the value of analysis. These matters are addressed in the Army Study Program Evaluation.

The table below depicts the potential impact of the 436 studies in the FY93 program, distributed by study sponsor.

o When compared to the other sponsor groups, AMC has a higher proportion of studies in the secondary impact category. Correspondingly, this command sponsors a much lower proportion of studies classified as tertiary.

A review of the content of the AMC study program provides some

explanation for this distribution. Many studies reported by AMC deal with management of programs, often acquisition-related. The low frequency of tertiary-impact studies is reflected in the low number of projects which have to do with analysis tools and model development.

o Contrary to other commands, most studies sponsored by HQDA are classified as having a primary impact. Many of these efforts related to force design or doctrine.

#### STUDY IMPACT BY SPONSOR

SPONSOR	PRIMARY	SECONDARY	TERTIARY	TOTAL
HQDA	37	29	23	89
AMC	17	29	3	49
TRADOC	50	110	81	241
Other	16	17	24	57
Total	120	185	131	436

## CHAPTER 3

### CRITICAL ARMY ISSUES

The Army Study Guidance is disseminated annually by the Model Improvement and Study Management Agency. The foundation of this guidance is the Issue Assessment Process (IAP), a procedure which identifies issues of high importance and significance to the Army.

In order that issues remain current, this process is periodically repeated. From detailed personal interviews with senior Army leaders and members of the analysis community, topics amenable to study were elicited. These topics were grouped by functional area and subsequently reviewed by Army Staff functional area experts. The current state of knowledge for study topics was considered and study taskings were developed.

#### CRITICAL STUDY ISSUES

**RECONSTITUTION.** At the strategic level, this is the reestablishment of a global warfighting capability by retaining the means to build and adequately equip forces should a resurgent global, multi-polar threat appear for which the base force is not sufficient. This requires foresight in protecting infrastructure, necessary production capabilities and strategic materials, investing in high-payoff technologies, and constituting reserve units suitable for activation as the mission may dictate.

**QUALITY FORCES.** The force must rationally evolve into a smaller, more versatile, deployable and lethal Army. Military and civilian drawdown must be implemented in a balanced manner and result in a structure which supports the end state and provides the capability for reconstitution. A trained and ready force, civilian as well as military, must be provided for. As the Army divests its holdings, what measures are necessary to continue provision of family services and housing will remain of concern.

**FORCE MIX.** In a multi-polar world, there will be a wider variety of threats to face. The Army must be able to respond by deploying the right force mix for any given crisis. This means a ready force structure capable of operating at various deployment sizes in a wide range of environments. Studies should also consider closer joint service coordination of doctrine development. Studies are required to determine what the optimum Active-Reserve Component mix should be in the Army within the context of a smaller, CONUS-based, highly deployable force. The requirements for heavy and light forces and special operations forces, in light of changing national security objectives, should be established. The mix of combat, combat service, and combat service support forces is also problematic. In addition, weapons mixes and defense systems should be configured to fight

effectively in an environment where an adversary is capable of employing NBC weapons.

#### **STRATEGIC MOBILITY/**

**DEPLOYABILITY.** The Army is to become CONUS-based with worldwide projection capability. Army studies must help meet this challenge by taking a new look at strategic transport, Army materiel and Army force organization. For each new piece of equipment considered for fielding or upgrading, studies need to address how it improves our strategic mobility.

**MODERNIZATION.** The Army must retain its leadership in the identification, use and exploitation of key technologies in a climate of no growth in funding. What capabilities in the research and development world should be brought forward as capability packages in order to execute a campaign such as Operation DESERT STORM in the face of a more organized, better equipped adversary? What items are readily produced in existing civilian product manufacturing facilities that may be of use in mobilization? Modular systems, those which allow either insertion of new technology or replacement of aged components, should be explored. The Army must continue to develop new equipment to fight and survive better. The impact on modernization of doctrine which stresses lower risk of casualties requires analysis. Attention should be given to increasing unit productivity through the addition of modern, highly efficient, mission

equipment, thereby providing more capability for the same size or smaller unit. Equipment modernization needs to be related to force structure. Studies are need to address the quantity of modernized systems and specify where they should be fielded. Analysis modeling must remain flexible and carry a broad set of potential conflict scenarios. The possibility of confronting a opposing force equipped with U.S. systems or those of friendly nations (Grey Threat) should be considered.

**ENVIRONMENT.** Army's impact upon the environment will continue to be of concern. Environmental considerations must be an integral part of systems and policy development. Army must provide a training basis to ensure responsible stewardship of the environment.

#### **CRITICAL ISSUE**

To address these issues, the Model Improvement and Study Management Agency has established target of dedicating at least 25 percent of Army studies to efforts focused on these subjects. In the following table, the distribution of studies in the FY93 program which relate to these issues, as determined by study sponsors, is given. The computation of percents is based upon the proportion of studies in the overall program (436).

- o Of the 436 studies in the FY93 Study Program, about 50 percent (217) address critical Army issues.

All six of the current critical issues are addressed, as well as several critical issues from the previous IAP iteration. These are shown in the above table as "other." (See the FY92 TASP for descriptions of these issues).

- o The representation of issues from the Army Study Guidance is high in FY93, though not as abundant as in FY92. This process is now gaining some level of institutionalization. Consequently, study sponsors and study program managers are more likely to view studies in

terms of their conformance with study guidance. As a result, more studies address critical issues and the propensity to report those that do fit has increased.

- o Modernization and Force Mix are the FY93 issues are two of the most commonly addressed. This may be influenced by the dominance of TRADOC in the Army Study Program. It can be seen that Quality Forces is next in order of frequency and these three issues are most closely related to major TRADOC missions.

**STUDIES BY CRITICAL ISSUE**

CRITICAL ISSUE	N	%N
Reconstitution	14	3
Quality Forces	24	5
Force Mix	40	9
Strategic M/D	44	10
Modernization	83	19
Environment	3	<1
Total	217	50

**THIS PAGE INTENTIONALLY LEFT BLANK**

**CHAPTER 4**

**LISTING OF FY93 STUDIES**

**BY IDENTIFICATION CODE**

This chapter presents a listing of all studies contained in the FY93 Army Study Program sorted by project unique identification code (PUIC). The study title is presented as well. This can be used as a cross reference to locate a study when only the identification code is known.

A description of the headers and symbols used in the listing can be found on the last page and the inside of the back cover of this document. A glossary of terms is located in Appendix A.

FY93 ARMY STUDY PROGRAM  
SORTED BY IDENTIFICATION CODE (PUIC)

STATUS	IMPACT
PUIC***** * ABBR TITLE*****	* STRT END* SPONSOR*** PERFORMER*****
AMCAEK002 O IMPACT OF ARMY MANAGEMENT STRUCTURE (AMS) CODE 1	8911 9005 AMC MEA
AMOCCELOO O CONTRACTOR CERTIFICATION 1	9107 9207 AMC NORCOM
AMOCCEL005 O AMC ASSESSMENT OF CONTRACTOR PERFORMANCE & PRO 2	9111 9211 AMC BATTELLE
AMCOGI001 O AIF PEACETIME/MOBILIZATION CAPACITY (J010) 1	9001 9008 AMC MEA
AMCDEL002 O OPERATING & SUPPORT COST REDUCTION SCHEDULES & 1	9007 9509 AMC SAIC
AMCENM003 P ENVIRONMENTAL DATA BASE MANAGEMENT 3	9301 9509 AMC
AMCFAI001 O PLANNING AND SCHEDULING MODULE FOR AMCFAST	AMC BRTRC
AMCPMN002 P AVIONICS UPGRADE MANAGEMENT SUPPORT 1	9210 9509 AMC
AMCPMN003 P U-XX PROCUREMENT MANAGEMENT SUPPORT 1	9310 9709 AMC
AMCQAK001 P WARRANTY IMPLEMENTATION (A074) 1	9007 9101 AMC MEA
AMCQAK003 P TARGETS AND THREATS SIMULATOR (A075) 1	9109 9203 AMC MEA
AMCREJ002 P MOBILIZATION PLANNING (A073) 1	9102 9107 AMC MEA
AMSAVI148 O VALUE ENGINEERING WORKSHOP FOR SELECTED EQUIPM 2	9204 9509 AMC SAIC
AMSAVL007 O PROGRAMMATIC AND TECHNICAL SUPPORT (PATS) 2	8911 9311 AMC SAIC
AMSAVM169 P NONDESTRUCTIVE TEST EQUIPMENT IPR AND TYPE CLA 2	9210 9309 AMC TBD
AMSAVM170 P NONDESTRUCTIVE TEST EQUIPMENT TEMP & TYPE INTE 2	9210 9309 AMC
AMSAVM171 P NEW AIRCRAFT TOOL SYSTEM PROGRAM MANAGEMENT A 2	9210 9309 AMC
AMSAVM172 P UNIT MAINTENANCE AERIAL RECOVERY KIT IPR/TYPE 2	9210 9309 AMC
AMSAVM173 P UNIT MAINTENANCE AERIAL RECOVERY KIT TEMP/TIWG 2	9210 9309 AMC
AMSDSK001 O TOTAL QUALITY MANAGEMENT CONSULTING SERVICES 1	9010 9112 AMC
AMSMCL001 P CHEMICAL MAINTENANCE AND DOCUMENTATION SUPPORT 2	9105 9404 AMC
AMSMCN001 P PALADIN M109A6 HOWITZER SAMPLE DATA COLLECTION 2	9403 9803 AMC
AMSTEM002 O TEST TECHNOLOGY SYMPOSIUM V SUPPORT 2	9112 9209 AMC
AMSTIM042 P BRADLEY & M113 FAMILY OF VEHICLES PRODUCTION R 2	9203 9209 AMC
AMSTKN066 P AUTOMATED WEAPON SYSTEM ASSESSMENT MODEL 2	9301 9401 AMC
AMSTRL002 O LCU WARRANTY EFFORT 2	9108 9408 AMC
AMSTRM001 O SAMPLE DATA COLLECTION 2	9204 9209 AMC
AMSTRM001 O SAMPLE DATA COLLECTION 2	9204 9209 AMC
AMXCTI001 O TMDE MANAGEMENT INFORMATION SYSTEM 1	8602 8912 AMC
AMXIBL014 O ACCELERATED DEFENSE ENGINEERING PROCESS TECHNO 2	9107 9207 AMC
AMXIBM101 O IEA SUPPORT 2	9205 9512 AMC
AMXISM102 O IEA SUPPORT 2	9205 9512 AMC
ARHIPL002 O DEVELOP TQM APPROACH TO ORG MGT OF PALADIN PRO 2	9104 9512 PEO ARMTS PRC INC.
ARMCDM001 P SUPPORT OF RISK ANALYSIS 2	9207 9509 PEO ARMTS CAMBER CORP
ARMCDM002 P SUPPORT OF RISK ANALYSIS 2	9207 9509 PEO ARMTS TRESP ASSOC
ARSADL002 O MODELING STUDY TO DEMONSTRATE ROC ACHIEVEMENT 2	9007 9309 PEO ARMTS IITRI
ARSADM003 O SUPPORT OF RISK ANALYSIS, TECHNICAL EVALUATION 2	9206 9303 PEO ARMTS NOMURA
ARSADM004 P SUPPORT OF RISK ANALYSIS, TECHNICAL EVALUATION 2	9206 9303 PEO ARMTS CONTRACTOR
ARTMAL001 O ARMAMENT ENHANCEMENT INITIATIVES RISK ASSESSME 2	9010 9509 PEO ARMTS HILTON, INC
ASELPG002 O TECHNICAL SUPPORT FOR C3 SYSTEM 2	8705 9208 AMC
ASELPG256 O TECHNICAL SUPPORT - PM TEMOD 1	8803 9203 AMC XECO
ASELPG272 O GENERAL ILS 2	8808 9107 AMC VENNTRONIX
ASELPG272 O GENERAL SUPPORT SERVICES FOR ILS DIRECTORATE 2	8808 9107 AMC VENNTRONIX

FY93 ARMY STUDY PROGRAM  
SORTED BY IDENTIFICATION CODE (PUIC)

PUIC*****	STATUS	ABBR TITLE*****	IMPACT	* STRT END* SPONSOR*** PERFORMER*****
ASELPH265	O	TEST PROGRAM SET SUPPORT SERVICES	2 8703 9203	AMC GIORDANO ASSOC
ASELP1304	O	OMNIBUS ILS/MANPRINT SUPPORT	2 8808 9205	AMC VENINTRONIX
ASELPJ001	O	COST ANALYSIS SUPPORT SERVICES	1 9002 9402	AMC SYTEX INC
ASELPJ001	O	COST ANALYSIS SUPPORT SERVICES	1 9002 9502	AMC SYTEX INC
ASELPJ001	O	COST ANALYSIS SUPPORT SERVICES	1 9002 9502	AMC SYTEX, INC
ASELPJ002	O	COMPUTER SECURITY CERTIFICATION AND ACCREDITAT AT	2 9008 9208	AMC SOFTWARE SYS EN
ASQ8CM001	O	INQUIRY AND RESEARCH SERVICES IN EMERGING TECH	3 9110 9210	USAISC GARTNER GROUP
ASQBBIK001	O	INFORMATION STRATEGIES GROUP (ISG)	3 9110 9209	USAISC ISG
ASQBOL004	O	ARMY INFORMATION PROCESSING CENTERS	2 9109 9209	USAISC SAIC
ATORCF007	O	VIC DEVELOPMENT	1 8704 9312	TRADOC T/OAC
ATORTF009	O	CORRELATION OF FORCES AND MEANS	3 9107 9308	TRADOC T/HSMR
ATRCBN001	P	IMPROVED CASUALTY RESOLUTION	1 9210 9308	TRADOC T/FBHN
ATRCFJ001	O	CORPS/DIVISION ANALYTIC (EAGLE) MODEL	8801 9312	TRADOC T/OAC
ATRCFL011	O	COMBAT SUPPORT - ARTILLERY ROLE ON BATTLEFIELD	3 9102 9306	TRADOC T/OAC
ATRCFL012	O	JOINT US/UK THEATER COMMAND AND CONTROL (C2)	S 3 9103 9303	TRADOC T/OAC
ATRCFM001	O	COMMAND AND CONTROL FUNCTIONAL AREA MODEL DEVE	3 9110 9212	TRADOC T/OAC
ATRCFM003	O	LOW INTENSITY CONFLICT MODEL DEVELOPMENT	1 9110 9310	TRADOC T/OAC
ATRCFM006	O	ADVANCING THE STATE OF THE ART IN DIS	9110 9509	TRADOC T/OAC
ATRCFM008	O	STANDARD THEATER ARMY COMMAND & CONTROL SYSTEM	2 9110 9312	TRADOC T/OAC
ATRCFM010	P	DEVELOPMENT OF A MATH PROGRAMMING MODEL TO SUP	3 9204 9309	TRADOC T/OAC
ATRCFM011	O	DEPTH OF ARMY INFLUENCE STUDY	3 9203 9301	TRADOC T/OAC
ATRCFN001	P	ANALYTIC SUPPORT TO LA MANEUVERS TASK FORCE	1 9206 9309	TRADOC T/OAC
ATRCFN002	P	EAGLE C3 ENHANCEMENT	3 9210 9309	TRADOC T/OAC
ATRCFN003	P	DECISION SUPPORT FOR ARMY ACQUISITION PROGRAM	3 9210 9309	TRADOC T/OAC
ATRCFN004	P	PARAMETRIC RANGING ANALYSIS	3 9210 9304	TRADOC T/OAC
ATRCFN005	P	ANALYTIC SUPPORT TO BATTLEFIELD DYNAMICS WORKI	1 9210 9409	TRADOC T/OAC
ATRCFN006	P	EAGLE CONVERSION	3 9210 9406	TRADOC T/OAC
ATRCFN007	P	VIC CHECKPOINT-MODIFY-RESTART	9210 9304	TRADOC T/OAC
ATRCFN008	P	VIC/CAMEX GRAPHICS SUPPORT FOR LA MANEUVERS	3 9210 9301	TRADOC T/OAC
ATRCFN009	P	VIC ADA IMPROVEMENT	3 9210 9409	TRADOC T/OAC
ATRCFN010	P	ASAS FORCE EFFECTIVENESS STUDY	3 9210 9307	TRADOC T/OAC
ATRCFN011	P	RECONNAISSANCE AND SURVEILLANCE ANALYSIS	3 9210 9309	TRADOC T/OAC
ATRCFN012	P	INTELLIGENCE FUSION AND NETWORK MODEL	T 9210 9310	TRADOC T/OAC
ATRCFN013	P	APPLIED OBJECT DATABASE MANAGEMENT SYSTEM	3 9210 9309	TRADOC T/OAC
ATRCFN014	P	INTEGRATION OF ADVERSARIAL PLANNER AND EAGLE	3 9105 9309	TRADOC T/OAC
ATRCLM001	O	COMBAT SERVICE SUPPORT FORCE DESIGN ANALYSIS	2 9110 9309	TRADOC T/LEE
ATRCLM002	O	CSS CONTROL SYSTEM TIA	1 9110 9304	TRADOC T/HSMR
ATRCLM004	O	VIC CSS MODEL DEVELOPMENT	3 9110 9212	TRADOC T/LEE
ATRCLM005	O	ARMY PALLETIZED LOAD SYSTEM (PLS) ANALYSIS	9210 9309	TRADOC T/LEE
ATRCLN001	P	94B10 FOOD SERVICE SPECIALIST VOTEC CTEA	9210 9309	TRADOC T/LEE
ATRCRJ001	O	TRAC AUTOMATED DATABASE SYSTEM	3 8810 9509	TRADOC T/SAC
ATRCRJ002	O	MIX ANALYSIS METHODOLOGY	1 8901 9309	TRADOC T/HSMR
ATRCRJ006	O	PHYSICAL SIMULATION ENVIRONMENT FOR MIL ACQUIS	3 8810 9712	TRADOC T/HSMR

FY93 ARMY STUDY PROGRAM  
SORTED BY IDENTIFICATION CODE (PUIC)

STATUS	IMPACT
PUIC***** * ABBR TITLE*****	* STRT END* SPONSOR*** PERFORMER*****
ATRCRJ012 O ANALYSIS OF FUTURE JANUS(A) SYSTEM REQUIREMENT 2 8903 9909 TRADOC	T/WSMR
ATRCL003 O BATTLE ENHANCED CTC & JANUS ANALYSIS METHODOLO 3 9112 9309 TRADOC	T/MTRY
ATRCL004 O MODEL-TEST-MODEL (M-T-M) USING HIGH RESOLUTION 3 9101 9306 TRADOC	T/MTRY
ATRCRM005 O 3D TERRAIN VISUALIZATION 3 9110 9309 TRADOC	T/MTRY
ATRCRM008 O ENHANCED CTC ANALYSIS AND TRAINING METHODOLOGI 3 9110 9401 TRADOC	T/MTRY
ATRCRM009 O JANUS AUDITORY SENSOR ALGORITHM DEVELOPMENT 9112 9401 TRADOC	T/MTRY
ATRCRN001 P MULTIMEDIA INTEGRATION INTO JANUS(A) 3 9210 9309 TRADOC	T/MTRY
ATRCRN002 P 1M RESOLUTION LOS 3 9210 9401 TRADOC	T/MTRY
ATRCRN003 P JANUS/SIMNET INTERFACE 3 9210 9401 TRADOC	T/MTRY
ATRCSL001 O SIMULATOR/SIMULATION BASED TRAINING PROGRAM AN 1 9010 9410 TRADOC	T/WSMR
ATRCSL010 P ALL SOURCE ANALYSIS SYSTEM BLOCK II COEA 2 9206 9302 TRADOC	T/OAC
ATRCSL013 O EUROPE COMMAND THEATER RESOLUTION SCENARIO 1.0 3 9304 9309 TRADOC	T/SCC
ATRCSM003 P HI-RES SCENARIO 35 (BALANCED TASK FORCE HASTY 3 9203 9210 TRADOC	T/SCC
ATRCSM006 O SADARM COEA UPDATE 2 9204 9301 TRADOC	T/SAC
ATRCSM008 P HI-RES SCENARIO 37 (MECH BDE ATTACK - EUR) 3 9204 9212 TRADOC	T/SCC
ATRCSM009 O AFAS-C/FARV-A COEA 2 9203 9408 TRADOC	T/SAC
ATRCSN001 P HI-RES SCENARIO 30 (LIGHT INF DEFENSE - SWA) 3 9210 9303 TRADOC	T/SCC
ATRCSN002 P HI-RES SCENARIO 38 (LIGHT INFANTRY ATTACK FORC 3 9210 9302 TRADOC	T/SCC
ATRCSN003 P HI-RES SCENARIO 39 (CAVALRY HEAVY GUARD - SWA) 3 9212 9306 TRADOC	T/SCC
ATRCSN004 P HI-RES SCENARIO 40 (BREACH OF A COMPLEX OBSTAC 3 9301 9307 TRADOC	T/SCC
ATRCSN005 P HI-RES SCENARIO 41 (AIR ASSAULT ATTACK - NEA) 3 9303 9310 TRADOC	T/SCC
ATRCSN006 P HI-RES SCENARIO 42 (DELIBERATE RIVER CROSSING 3 9305 9312 TRADOC	T/SCC
ATRCSN007 P HI-RES SCENARIO 43 (LIGHT INF/AIR ASSAULT DEFE 3 9307 9402 TRADOC	T/SCC
ATRCSN008 P SOUTHCOM THEATER RESOLUTION SCENARIO 1.0 3 9306 9309 TRADOC	T/SCC
ATRCWJ013 O MULTIPLE LAUNCH ROCKET REPAIRMAN TEA 8810 9212 TRADOC	MMCS
ATRCWJ016 O GE/US COMBINED AIR DEFENSE STUDY 1 8806 9310 TRADOC	T/WSMR
ATRCWJ030 P RECOVERY VEHICLE REQUIREMENTS AND TECHNOLOGY B 1 9106 9309 TRADOC	ORDS
ATRCWK005 O LINE-OF-SIGHT ANTITANK & INF ANTIARMOR (LOSAT/ 2 8906 9210 TRADOC	T/WSMR
ATRCWK013 O CASTFOREM DEVELOPMENT 3 9103 9301 TRADOC	T/WSMR
ATRCWK056 P GENERATOR REQUIREMENTS AND TECHNOLOGY BASE STU 2 9209 9312 TRADOC	ORDS
ATRCWL005 O COMMON GROUND STATION STUDY 2 9205 9306 TRADOC	T/OAC
ATRCWL010 P FORCE LEVEL CONTROL SYSTEM (FLCS) TIA 1 9207 9312 TRADOC	T/WSMR
ATRCWL020 O UNIT MOVEMENT OFFICER VIDEO TELETRAINING (VTT) 9103 9210 TRADOC	T/WSMR
ATRCWM001 O 63B10 LIGHT WHEELED VEHICLE MECHANIC VOTEC PIL 9112 9405 TRADOC	T/LEE
ATRCWM007 O IEW TACTICAL PROFICIENCY TRAINER TEA 2 9209 9304 TRADOC	T/WSMR
ATRCWM009 P INTEGRATED SYSTEM CONTROL CTEA 3 9208 9212 TRADOC	T/WSMR
ATRCWM011 O RSTA COEA 1 9110 9210 TRADOC	T/WSMR
ATRCWM012 O CANE FDTE MODELING AND ANALYSIS SUPPORT 1 9111 9407 TRADOC	T/WSMR
ATRCWM013 O NON-LINE-OF-SIGHT (NLOS) COMBINED ARMS (CA) CO 1 9201 9306 TRADOC	T/WSMR
ATRCWM014 O NON-LINE-OF-SIGHT (NLOS) COMBINED ARMS (CA) CT 2 9201 9306 TRADOC	T/WSMR
ATRCWM015 O NON-LINE-OF-SIGHT (NLOS) ANTITANK TRAINING- MO 2 9203 9306 TRADOC	T/WSMR
ATRCWM016 P TRAINING DEVELOPMENT PRODUCT COST 9206 9306 TRADOC	T/WSMR
ATRCWM017 P COMMON GROUND STATION (CGS) CTEA 2 9208 9303 TRADOC	T/WSMR

FY93 ARMY STUDY PROGRAM  
SORTED BY IDENTIFICATION CODE (PUIC)

STATUS	IMPACT
PUIC***** * ABBR TITLE*****	* STRT END* SPONSOR*** PERFORMER****
ATRCWN021 O COMBAT SELF PROTECTION SYSTEM (STINGRAY) COEA	2 9210 9303 TRADOC T/WSMR
ATRCWN022 O ARMY ANALYST WORK STATION	9111 9309 TRADOC T/SAC
ATRCWN023 O ADVANCED FIELD ARTILLERY SYSTEM-CANNON TIA	1 9204 9304 TRADOC T/WSMR
ATRCWN024 P ENGAGEMENT SKILL TRAINER CTEA	9208 9304 TRADOC T/WSMR
ATRCWN025 O COMBAT VEHICLE IDENTIFICATION, FRIEND OR FOE (	2 9205 9309 TRADOC T/WSMR
ATRCWN001 P CONSOLIDATION OF ENGINEERING SKILLS AND EQUIPM	1 9210 9409 TRADOC T/WSMR
ATRCWN002 P JANUS MODEL DEVELOPMENT	9210 9309 TRADOC T/WSMR
ATRCWN003 P CCTT CTEA	2 9211 9609 TRADOC T/WSMR
ATRCWN004 P ANALYSIS OF SIGNATURE REDUCTION REQUIREMENTS	2 9210 9303 TRADOC T/WSMR
ATRCWN005 P FIELD ARTILLERY AMMUNITION PROCESSING SYSTEM	C 3 9210 9309 TRADOC T/WSMR
ATRCWN006 P AUTOMATED JANUS-TO-CASTFOREM LINKAGE	2 9210 9309 TRADOC T/WSMR
ATRCWN007 P EVALUATION OF VISUAL SEARCH & TARGET ACQUISITI	9210 9410 TRADOC T/WSMR
ATRCWN008 P FIRE SUPPORT CASTFOREM USER ENHANCEMENTS	3 9210 9309 TRADOC T/WSMR
ATRCWN009 P COUNTER-DRUG OPERATIONS MODEL RESEARCH	3 9309 9512 TRADOC T/WSMR
ATRCWN010 P HIGH RESOLUTION MODEL DEVELOPMENT	3 9309 9810 TRADOC T/WSMR
ATRCWN011 P INTEGRATION OF JANUS INTO DIS	3 9304 9512 TRADOC T/WSMR
ATRCWN012 P HMMWV/HEMTT MAINTENANCE TRAINING STUDY	1 9210 9409 TRADOC T/WSMR
ATRCWN013 P UNIV OF ND DAKOTA ROTARY WING AVIATOR TRAINING	2 9210 9709 TRADOC T/WSMR
ATRCWN014 P HAWK PIP III DS/GS MAINTENANCE TEA	2 9210 9401 TRADOC T/WSMR
ATRCWN015 P TOW FOLLOW-ON TRAINING EVALUATION - PHASE II	2 9210 9409 TRADOC T/WSMR
ATRCWN016 P TACTICAL UNMANNED GROUND VEHICLE (CALEB) TIA	2 9210 9312 TRADOC T/WSMR
ATRCWN017 P JOINT TACTICAL FORCE (JTF)-6 ANALYTICAL SUPPOR	2 9210 9312 TRADOC T/WSMR
ATRCWN018 P PRELIMINARY TRAINING DEVELOPMENT STUDY FOR EMS	2 9211 9311 TRADOC T/WSMR
ATRCWN019 P STANDOFF MINEFIELD DETECTION SYSTEM (STAMIDS)	2 9211 9410 TRADOC T/WSMR
ATSAAM001 O ADA RESERVE COMPONENT TEA	3 9203 9406 TRADOC ADA
ATSAAN001 P STINGER FIGHTING VEHICLE (SFV) TEA	2 9301 9406 TRADOC ADA
ATSAAN002 P AVENGER ADA MISSILE SYSTEM TEA	2 9301 9406 TRADOC ADA
ATSACK005 O PATRIOT (POST DEVELOPMENT BUILD) ADA SYSTEM TE	2 9110 9306 TRADOC ADA
ATSACM002 O CORPS SURFACE-TO-AIR MISSILE COEA	2 9201 9303 TRADOC T/SAC
ATSACM004 O ADA FORCE STRUCTURE AND MODERNIZATION ANALYSIS	3 9206 9212 TRADOC ADA
ATSADM001 P CORPS SURFACE-TO-AIR MISSILE CTEA	3 9307 9406 TRADOC T/WSMR
ATSBCL003 P FUTURE SCOUT VEHICLE SOA	2 9212 9305 TRADOC ARMC
ATSBCH001 O 50 TON FUTURE MAIN BATTLE TANK	2 9205 9404 TRADOC ARMC
ATSBCH002 P TANK AMMUNITION COEA	3 9210 9304 TRADOC ARMC
ATSBCH003 P XM943 STAFF COEA	2 9210 9304 TRADOC ARMC
ATSBCH005 P HEAVY BRIGADE PLS - VARIANT REQUIREMENTS STUDY	3 9303 9309 TRADOC ARMC
ATSBTL002 O ARMOR TRAINING STRATEGY STUDY	3 8906 9306 TRADOC ARMC
ATSBTL005 O ARMOR 2000 TRAINING STUDY	3 9010 9309 TRADOC ARMC
ATSBTM002 O M1A2 TANK CTEA	2 9110 9310 TRADOC ARMC
ATSBTM004 P ARMORED GUNNERY TABLES STUDY	1 9202 9309 TRADOC ARMC
ATSBTN001 P ARMOR INDIVIDUAL/COLLECTIVE TASK RETENTION STU	3 9210 9710 TRADOC ARMC
ATSB_____ P TANK FLEET MIX - GRAY THREAT ANALYSIS	3 9310 9401 TRADOC ARMC
ATSCDL005 O THEOLOGICAL CORE OF THE CHAPLAINCY	9107 9212 TRADOC CHAP

FY93 ARMY STUDY PROGRAM  
SORTED BY IDENTIFICATION CODE (PUIC)

STATUS	IMPACT
PUIC***** * ABBR TITLE*****	* STRT END* SPONSOR*** PERFORMER*****
ATSCDM001 P MODELS OF UMT TRAINING	2 9208 9305 TRADOC CHAP
ATSCDN001 P ORGANIZATIONAL DEFICIENCIES IN DESERT SHIELD/D	1 9210 9307 TRADOC CHAP
ATSECK004 O IMPROVEMENT TO COMBAT MANEUVER IN MODELS STUDY	2 9010 9404 TRADOC ENGS
ATSECM004 O COUNTERMOBILITY REMOTE CONTROL SYSTEM (CIRCE)	2 9303 9403 TRADOC ENGS
ATSECM008 O HEAVY DRY SUPPORT BRIDGE (HDSB) COEA	2 9210 9312 TRADOC ENGS
ATSECM012 O PHASED AND FOCUSED ENGINEER MISSION STUDY	9204 9409 TRADOC ENGS
ATSECM013 O BREACHER COEA	1 9201 9409 TRADOC ENGS
ATSETM001 O DRILLING TRAINING ISSUES	2 9210 9309 TRADOC ENGS
ATSETM002 O DIGITAL TOPOGRAPHIC DATA BASES FOR CONTINGENCY	1 9210 9409 TRADOC ENGS
ATSETM004 O PRECISE GEODETIC POSITIONING ROMNTS FOR CORPS/	3 9110 9309 TRADOC ENGS
ATSFCH015 O ADVANCED FIELD ARTILLERY SYSTEM (AFAS) REQUIRE	2 9110 9210 TRADOC FAS
ATSFCL003 O AFATDS SOFTWARE REQUIREMENTS STUDY	2 9301 9404 TRADOC FAS
ATSFCL008 O OPERATIONAL MODE SUMMARY - MISSION PROFILE DEV	2 9103 9211 TRADOC FAS
ATSFCL011 O FIELD ARTILLERY ATTACK OPERATIONS REQUIREMENTS	2 9107 9306 TRADOC FAS
ATSFOM002 O JOINT LONG RANGE MISSILE SYSTEM STUDY	1 9201 9309 TRADOC FAS
ATSFOM003 O LIGHTWEIGHT LASER DESIGNATOR/RANGEFINDER COEA	2 9203 9210 TRADOC FAS
ATSFOM004 P MLRS ROCKETS IN CONTINGENCY OPERATIONS	2 9207 9309 TRADOC FAS
ATSFON001 P OPERATIONAL ASSESSMENT OF PALADIN	2 9210 9307 TRADOC FAS
ATSFON002 P AFAS, FARV-A, AND FAAPS SOA	2 9211 9305 TRADOC FAS
ATSFON003 P FIELD ARTILLERY AMMUNITION COMBAT RATES STUC.	3 9211 9305 TRADOC FAS
ATSFON004 P P3I SADARM ANALYSIS	2 9212 9306 TRADOC FAS
ATSFON005 P GUN LAYING AND POSITIONING COEA	2 9301 9402 TRADOC FAS
ATSFON006 P LIGHTWEIGHT 155MM HOWITZER REQUIREMENTS ANALYS	2 9302 9308 TRADOC FAS
ATSFON007 P 105MM DPICM COEA	2 9307 9409 TRADOC FAS
ATSFON008 O FA PRECISION INTERDICTION STUDY	1 9112 9309 TRADOC FAS
ATSFON009 P MLRS FAMILY OF MUNITIONS ANALYSIS	2 9210 9401 TRADOC FAS
ATSFON010 P BAT COEA	2 9211 9303 TRADOC FAS
ATSFON11 P ADVANCED TARGET ACQUISITION COUNTERFIRE SYSTEM	2 9307 9309 TRADOC FAS
ATSFVN001 P COMMUNICATIONS READINESS	1 9212 9306 TRADOC FAS
ATSGDM004 O INCREMENTAL PERSONNEL COMMAND (PERSCOM)	1 9203 9303 TRADOC SSC
ATSGDM006 O MORALE, WELFARE AND RECREATION	1 9201 9309 TRADOC SSC
ATSGDM007 O COMPUTER ASSISTED INSTRUCTION (CAI) STUDY	3 9204 9309 TRADOC SSC
ATSHCK004 P TACTICAL UNMANNED GROUND VEHICLE (CALEB) JOINT	2 9206 9309 TRADOC T/WSMR
ATSHCM003 O OBJECTIVE INDIVIDUAL COMBAT WEAPON COEA	2 9206 9406 TRADOC INFS
ATSHCM004 O LASER COUNTERMEASURE (LCMS) SYSTEM PHASE 2 COE	2 9201 9309 TRADOC T/WSMR
ATSHCM005 O OBJECTIVE CREW SERVED WEAPON SOA	2 9210 9410 TRADOC INFS
ATSHCM006 P THE ENHANCED INTEGRATED SOLDIER SYSTEM (TEISS)	9206 9406 TRADOC INFS
ATSHLM001 O INFANTRY SCHOOL CTC TRENDLINE LESSONS LEARNED	1 9110 9212 TRADOC INFS
ATSHEN001 P 120MM MORTAR POST FIELDING TRAINING/SAFETY ANA	2 9210 9312 TRADOC INFS
ATSHTL001 O ADVANCED ANTITANK WEAPON SYSTEM-MEDIUM (AAWS-M	2 9210 9312 TRADOC T/WSMR
ATSHTN001 P THE ENHANCED INTEGRATED SOLDIER SYSTEM (TEISS)	2 9210 9406 TRADOC INFS
ATSHTN002 P OBJECTIVE INDIVIDUAL COMBAT WEAPON (OICW) TIA	2 9210 9306 TRADOC INFS
ATSHTN003 P OBJECTIVE CREW-SERVED WEAPON TIA	2 9210 9410 TRADOC INFS

FY93 ARMY STUDY PROGRAM  
SORTED BY IDENTIFICATION CODE (PUIC)

PUIC*****	ABBR TITLE*****	STATUS	IMPACT				
			* STRT END*	SPONSOR***	PERFORMER*****		
ATSKCL002	O OPTIMAL COMBAT CONFIGURED LOADS STUDY		9106	9306	TRADOC	MMCS	
ATSKCN001	P INTELLIGENT AMMUNITION DISTRIBUTION SYSTEM MOD 3	9210	9307	TRADOC	MMCS		
ATSKCN002	P BATTLEFIELD ELECTRONIC MAINTENANCE IN CORPS AN 2	9210	9304	TRADOC	MMCS		
ATSKEK002	O EXPLOSIVE ORDNANCE DISPOSAL (EOD) MOS STUDY	8910	9212	TRADOC	MMCS		
ATSKEL001	O PATRIOT SYSTEM DS/GS REPAIRER TEA	1	9106	9306	TRADOC	MMCS	
ATSKTM001	O EFFECT OF 40-HR TNG WEEK ON LEARNING EFFECTIVE	9205	9212	TRADOC	MMCS		
ATSLCH002	O AUTOMATED MAINTENANCE MANAGEMENT SYSTEM COEA	2	9007	9212	TRADOC	ORDS	
ATSLCK001	O AUTOMATED MAINTENANCE MANAGEMENT SYSTEM SOA	2	9007	9212	TRADOC	ORDS	
ATSLCL001	O ARMORED BN RECOVERY & MAINT SIMULATION (ARMSIM	3	9010	9305	TRADOC	ORDS	
ATSLCL002	O COMBAT DEVELOPMENTS SIMULATION ANALYTIC SUPPOR	3	9010	9305	TRADOC	ORDS	
ATSLCL003	O STUDIES DATABASE ANALYTICAL SUPPORT	3	9108	9302	TRADOC	ORDS	
ATSLCL005	O FUTURE MAINTENANCE SYSTEMS REQUIREMENTS & TECH	1	9012	9212	TRADOC	ORDS	
ATSLCL006	O STATISTICAL AND EXPERIMENTAL DESIGN SUPPORT	3	9101	9212	TRADOC	ORDS	
ATSLCL011	O ELECTRICAL COMPONENT TEST STAND COEA	2	9108	9303	TRADOC	ORDS	
ATSLCL013	O SHOP EQUIPMENT CONTACT MAINT HMMWV HVY VARIANT	2	9012	9211	TRADOC	ORDS	
ATSLDK002	O FUTURE MAINTENANCE SYSTEMS SKILL CONSOLIDATION	1	9006	9212	TRADOC	ORDS	
ATSLDN001	P 44E MACHINIST VOTEC FEASIBILITY STUDY	3	9210	9312	TRADOC	ORDS	
ATSLDN002	P IMPACT OF PROFESSIONAL CERTIFICATION TESTING	1	9210	9409	TRADOC	ORDS	
ATSLDN003	P COMBAT VEHICLE RECOVERY TRAINING SIMULATOR STU	2	9301	9312	TRADOC	ORDS	
ATSMCJ001	O MODULAR SPACE HEATER SOA	2	9206	9211	TRADOC	QMC&S	
ATSMCK007	P ALL-TERRAIN LIFTER ARTICULATED SYSTEM SOA	2	9304	9404	TRADOC	QMC&S	
ATSMCK014	O MODULAR SPACE HEATER COEA	2	9206	9212	TRADOC	QMC&S	
ATSMCM001	O BATTLEFIELD SPARES SYSTEM (BSS) COST & SAVINGS	3	9204	9304	TRADOC	QMC&S	
ATSMCM002	O BATTLEFIELD SPARES SYSTEM TEST & EVAL FRONT EN	1	9209	9304	TRADOC	QMC&S	
ATSMCM003	O BATTLEFIELD SPARES SYSTEM TEA	1	9207	9412	TRADOC	QMC&S	
ATSMCM005	O BALLISTIC PROTECTIVE SYSTEM COEA		9203	9309	TRADOC	QMC&S	
ATSMCN001	P CONTAINERIZED KITCHEN COEA	2	9210	9304	TRADOC	QMC&S	
ATSMCN002	P CONTAINERIZED KITCHEN MPTA	2	9210	9304	TRADOC	QMC&S	
ATSMCN003	P CONTAINERIZED LAUNDRY AND SHOWER SYSTEM COEA	2	9210	9304	TRADOC	QMC&S	
ATSMCN004	P CONTAINERIZED LAUNDRY AND SHOWER SYSTEM MPTA	2	9210	9301	TRADOC	QMC&S	
ATSMCN005	P PACKAGED WATER SYSTEM COEA	2	9210	9302	TRADOC	QMC&S	
ATSMCN006	P PACKAGED WATER SYSTEM MPTA	2	9210	9302	TRADOC	QMC&S	
ATSMCN007	P LIGHTWEIGHT WATER PURIFICATION SYSTEM COEA	2	9210	9309	TRADOC	QMC&S	
ATSMCN008	P LIGHTWEIGHT WATER PURIFICATION SYSTEM MPTA	2	9210	9302	TRADOC	QMC&S	
ATSMCN009	P CHEMICAL AGENT WATER DETECTION KIT COEA	2	9210	9309	TRADOC	QMC&S	
ATSMCN010	P CHEMICAL AGENT WATER DETECTION KIT MPTA	2	9210	9302	TRADOC	QMC&S	
ATSMCN011	P LIGHTWEIGHT COLLAPSIBLE PILLOW TANK (PETROLEUM	2	9210	9302	TRADOC	QMC&S	
ATSMCN012	P LIGHTWEIGHT COLLAPSIBLE PILLOW TANK (PETROLEUM	2	9210	9302	TRADOC	QMC&S	
ATSPQM001	O DRIVER SKILL TRAINER (DST) TEA	2	9303	9309	TRADOC	TSCH	
ATSQLM001	O ARMY AVIATION DEHUMIDIFICATION SYSTEM (AADS) C	3	9208	9304	TRADOC	AVLG	
ATSQLM002	O FEASIBILITY OF ESTABLISHING AN AVIM AGSE REPAI	3	9206	9306	TRADOC	AVLG	
ATSQLM003	O PORTABLE ENGINE TEST SET SOA	3	9206	9303	TRADOC	AVLG	
ATSQLM005	O GROUND RECOVERY OF ARMY AIRCRAFT	3	9204	9308	TRADOC	AVLG	

FY93 ARMY STUDY PROGRAM  
SORTED BY IDENTIFICATION CODE (PUIC)

STATUS	IMPACT
PUIC***** * ABBR TITLE*****	* STRT END* SPONSOR*** PERFORMER*****
ATSQLM007 O MOBILITY CONCEPT FOR AVIATION MAINT ORG - 2000 3 9207 9312 TRADOC	AVLG
ATSQLN001 P PREDICTIVE AIRCRAFT MAINTENANCE (PAMS) COEA 2 9210 9309 TRADOC	AVLG
ATSQLN002 P GENERIC AIRCRAFT NITROGEN GENERATOR (GANG) SOA 2 9301 9309 TRADOC	AVLG
ATSQLN003 P REQUISITE SKILLS TO SUPPORT AVIATION LOGISTICS 1 9302 9402 TRADOC	AVLG
ATSQLN004 P VEHICLE-MOUNTED MAINTENANCE SUPPORT (VMMSS) SO 2 9307 9403 TRADOC	AVLG
ATZACI002 O GAP CROSSING STUDY 2 8803 9409 TRADOC	ENGS
ATZHCL004 P MULTIBAND RADIO SOA 2 9210 9312 TRADOC	SIGS
ATZHCN001 P VALIDATION & UPDATE OF COMMUNICATIONS DATABASE 2 9210 9312 TRADOC	SIGS
ATZHCN002 P SINCGARS FOLLOW-ON ENHANCEMENTS COEA 2 9210 9309 TRADOC	SIGS
ATZKTN001 P ARMOR 1996-2010 3 9210 9403 TRADOC	ARMC
ATZLCL004 O ANALYTIC SUPPORT FOR CBRS CYCLE 96-10 1 9106 9309 TRADOC	T/OAC
ATZLCL008 O ASSESSMENT OF THE AH-64 BN AUGMENTATION CO (US 1 9106 9306 TRADOC	CAC/CD
ATZLCM001 O AIRLAND OPERATIONS FORCES STUDY 1 9110 9409 TRADOC	CAC/CD
ATZLLN001 P COUNTER-DRUG SUPPORT: COST-BENEFIT ANALYSIS 1 9211 9308 TRADOC	CAC/CD
ATZLSJ001 O LOW-INTENSITY CONFLICT CAPABILITIES REQUIREMEN 1 8906 9304 TRADOC	CAC/CD
ATZNJC003 O CHEMICAL MODEL IMPROVEMENT PROGRAM 2 8810 9309 TRADOC	CMLS
ATZNJC005 O BIOLOGICAL THREAT OPERATIONAL ASSESSMENT STUDY 3 9002 9404 TRADOC	CMLS
ATZNCL001 O BIOLOGICAL DETECTOR COEA 2 9101 9408 TRADOC	CMLS
ATZNCL004 O COMMON TASKS ALIGNMENT WITH CANE TEA 1 9110 9302 TRADOC	CMLS
ATZNCM001 O INTEGRATION OF TRAINING IN AN NBC ENVIRONMENT 2 9210 9309 TRADOC	CMLS
ATZNCM005 O UNIT NBC DEFENSE OPERATIONS IN AIRLAND OPERATI 2 9110 9306 TRADOC	CMLS
ATZNCM006 O TRAINING OF BRANCH SPECIFIC TASKS IN AN NBC EN 2 9210 9406 TRADOC	CMLS
ATZQCL002 O AVIATION C3 REQUIREMENTS STUDY - PHASE I 1 9111 9303 TRADOC	AVNC
ATZQCL012 O ATTACK/RECONNAISSANCE AIRCRAFT ARMAMENT REQUIR 3 9011 9212 TRADOC	AVNC
ATZQCL013 O AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) REQUIRE 1 9104 9302 TRADOC	AVNC
ATZQCM001 O AVIATION UAVS LETHAL/NONLETHAL REQUIREMENTS ST 2 9304 9309 TRADOC	AVNC
ATZQCM002 O AIRLIFT CARGO REQUIREMENTS STUDY 2 9206 9312 TRADOC	AVNC
ATZQCM003 O LONGBOW STATIONARY TARGET IDENTIFICATION STUDY 9201 9305 TRADOC	AVNC
ATZQDN001 P AH-64 INTEGRATED CREW SUSTAINMENT TRAINING, TD 2 9211 9306 TRADOC	AVNC
ATZQDN003 P AVIATION UAVS LETHAL/NONLETHAL TIA 3 9304 9309 TRADOC	AVNC
ATZQTL001 O LONGBOW TRAINING IMPACT ANALYSIS 2 9104 9309 TRADOC	AVNC
ATZQTL002 P TRAINING REQUIREMENTS MODELING STUDY 3 9307 9407 TRADOC	AVNC
ATZQTL009 O RAH-66 COMANCHE TIA 2 9104 9304 TRADOC	AVNC
ATZQTM002 P AIRLIFT CARGO TIA 2 9211 9312 TRADOC	AVNC
ATZQTM005 O AVIATION C3 TRAINING DEVELOPMENT STUDY 2 9301 9401 TRADOC	AVNC
CSCADN003 O Mobilization Capabilities Evaluation Model 2 9205 9306 DCSOPS	CAA/AMCI
CSCAFL002 P Model Maintenance & Support 9110 9209 DCSOPS	TBD
CSCAMN002 P MARTI 93 Cuban Political Military Game 3 9212 ARLANT	CAA
CSCAMN003 O Component Requirements & Authorization Determi 3 9109 9208 ASA(MRA)	CAA
CSCAMN004 O Contingency Packages Study 2 9207 9212 ASA(MRA)	CAA
CSCAMN005 O ARDENNES Campaign Simulation 3 8910 9205 CAA	CAA
CSCAMN006 O Next Generation Wargame 3 9110 9209 CAA	Summit Research
CSCAMN007 O Economic Analysis Of HQDA Automation Programs 2 9204 9302 CAA	CAA

FY93 ARMY STUDY PROGRAM  
SORTED BY IDENTIFICATION CODE (PUIC)

STATUS	IMPACT	
PUIC***** * ABBR TITLE*****	* STRT END* SPONSOR*** PERFORMER*****	
CSCAMN008 O Renewables and Energy Efficiency Planning	1 9201 9212 COE	CAA
CSCAMN009 O Joint Chemical Defense Equipment Consumption	R 1 9110 9303 DCSLOG	CAA
CSCAMN010 O Analysis of Army RC Clothing Replacement Proce	2 9108 9209 DCSLOG	CAA
CSCAMN011 P Chemical Unit Requirements Study, Phase II	1 9304 DCSOPS	CAA
CSCAMN012 P Support Force Rqmts Analysis - 2001 Deployment	1 9207 9210 DCSOPS	CAA
CSCAMN013 O Army Force Planning Data & Assumption - FY 95/	2 9010 9207 DCSOPS	CAA
CSCAMN014 O Value Added Analysis - Phase II	9012 9207 DCSOPS	CAA
CSCAMN015 O Wartime Requirements, FY 99	2 9105 9207 DCSOPS	CAA
CSCAMN016 O GLOFAM Methodology Improvement	2 9106 9207 DCSOPS	CAA
CSCAMN017 O Expanded Force Employment Study	3 9106 9210 DCSOPS	CAA
CSCAMN018 O Hurricane Political-Military Game	9108 9207 DCSOPS	CAA
CSCAMN019 O Latin America Scenarios through 2001	9111 9208 DCSOPS	CAA
CSCAMN020 O Pacific Rim 2015	9111 9209 DCSOPS	CAA
CSCAMN021 O Support Requirements Analysis 2001	1 9112 9304 DCSOPS	CAA
CSCAMN022 O Army Strategic Force Architecture - 92	2 9201 9208 DCSOPS	CAA
CSCAMN023 O Army Operational Requirements for Nuclear Fire	1 9202 9209 DCSOPS	CAA
CSCAMN024 O Active/Reserve Mix Study	2 9201 9301 DCSOPS	CAA
CSCAMN025 O Chemical Deterrence	1 9203 9207 DCSOPS	CAA
CSCAMN026 O Biological Assessment and Modelling Study	2 9203 9208 DCSOPS	CAA
CSCAMN027 O Nuclear Weapons Requirements Political-Militar	9202 9207 DCSOPS	CAA
CSCAMN028 O Nuclear Weapons Political Issues Political-Mil	1 9203 9207 DCSOPS	CAA
CSCAMN029 O Reserve Component Tng Installation Facility Ye	1 9205 9309 DCSOPS	CAA
CSCAMN030 O Chemical Weapons Deterrents Alternatives Strat	9204 9208 DCSOPS	CAA
CSCAMN031 P The Data Interpretation System (DIS), hosted b	2 9310 9409 DCSOPS	CAA/Contractor
CSCAMN032 P CHAGRES Political/Military Game	3 9304 9306 DCSOPS	CAA
CSCAMN033 P Army Global Strategic Force Planning Game 93	3 9210 9212 DCSOPS	CAA
CSCAMN034 P Army Force Planning Data and Assumption - FY97	2 9210 9407 DCSOPS	CAA
CSCAMN035 P Nuclear Impacts Analysis - Two Theaters	1 9305 9308 DCSOPS	CAA
CSCAMN036 P Nuclear Impacts Analysis - Europe	1 9301 9304 DCSOPS	CAA
CSCAMN037 P Nuclear Impacts Analysis - Northeast Asia	1 9209 9212 DCSOPS	CAA
CSCAMN038 P Biological Warfare Defense Capabilities	2 9305 9310 DCSOPS	CAA
CSCAMN039 P Biological Weapons Proliferation-The Emerging	3 9301 9304 DCSOPS	CAA
CSCAMN040 P Army Strategic Force Architecture Study - 93	2 9211 9306 DCSOPS	CAA
CSCAMN041 P Active Reserve Mix Study (ARM-93)	2 9301 9306 DCSOPS	CAA
CSCAMN042 P Global Force Allocation Model Methodology Impr	2 9210 9305 DCSOPS	CAA
CSCAMN043 O Army Initiatives - Deployment Analysis	3 9206 9210 DCSOPS	CAA
CSCAMN044 P Joint Military Net Assessment 92	3 DCSOPS	CAA
CSCAMN045 P Math Program Incentives	1 DCSPER	CAA
CSCAMN046 O Personnel Attrition Rates in Combat Operations	9204 9303 DUSA(OR)	CAA
CSCAMN047 P CHONGSHIN WARGAME	3 9303 EUSA	CAA
CSCAMN048 P CHEONGSAN Northeast Pacific Political Military	3 9306 EUSA	CAA
CSCAMN049 O N. Korean Obstacles, Fortifications, & Main Su	1 9111 9301 EUSA	CAA
CSCAMN050 O Tactical Combat Samples and Linkage to TACWAR	3 9111 9207 EUSA	CAA

FY93 ARMY STUDY PROGRAM  
SORTED BY IDENTIFICATION CODE (PUIC)

STATUS	IMPACT
PUIC***** * ABBR TITLE*****	* STRT END* SPONSOR*** PERFORMER*****
CSCAMN051 P Korean Reduction Study Po1/Mil Game	3 9210 9212 EUSA CAA
CSCAMN052 P Second Low Intensity Conflict Analysis Worksho	3 9210 9212 EUSA CAA
CSCAMN053 O Evaluation of the MDEP Architecture	1 9110 9207 OCSA-PAE CAA
CSCAMN054 O Test, Evaluation, and Modeling of ABRAMS	2 9203 9305 OPTEC CAA
CSCAMN055 P HAMMER WARGAME	3 9303 USAREUR CAA
CSCAMN056 P ANVIL WARRGAME	3 9306 USAREUR CAA
CSCAMN057 P Europa 92 Po1/Mil Game on the Sec. Cal. of Eur	3 9211 9302 USAREUR CAA
CSCAMN058 P BLACKJACK European Political Military Game	3 9212 USAREUR CAA
CSCAMN059 P KINGFISH EUROPEAN POLITICAL MILITARY GAME	3 9307 9309 USAREUR CAA
CSCAMN060 P EUROPE 2000	3 9304 9306 USAREUR CAA
CSCAMN061 P EUROPE 93 Po1/Mil Game on the Security Calculu	3 9210 9212 USAREUR CAA
CSCAMN062 P Strategic Wargame Requirements Analysis	3 9301 9306 USAREUR CAA
CSCAMN063 P SAPPHORO WARGAME	3 9303 USARJ CAA
CSCAMN064 O Political Environments Sensitivity Po1-Mil Gam	9204 9209 USARPAC CAA
CSCAMN065 P GANGES Pacific/India Po1/Mil Game	3 9307 9309 USARPAC CAA
CSCAMN066 P SHALIMAR India/Pakistan Political Military Gam	3 9307 9309 USARPAC CAA
CSCAMN067 P Balboa 92 Panamanian Political Military Game	3 9210 9212 USARSO CAA
CSCAMN068 O Counterdrug Analysis System	1 9203 9212 USARSO CAA
CSCAMN069 O Counterdrug Model	1 9205 9212 USARSO CAA
CSCAMN070 O Counterdrug Measures of Effectiveness	9204 9210 USARSO CAA
CSCAMN071 P CHAGRES Wargame	3 9304 9306 USARSO CAA
CSCAMN072 P GATUN 93 Wargame on the Defense of the Canal Z	3 9301 9304 USARSO CAA
CSCAMN073 P Joint Korean Arms Control Study	3 9306 USFK CAA
CSCAMN074 P TIGER EYE WARGAME	3 9309 ARCENT CAA
CSCAMN075 P Deep Shadow Wargame	3 9306 USARSOCOM CAA
DACSDN002 P RECONSTITUTION	3 9301 9306 OCSA-PAE
DACSDN004 O DECISION SUPPORT FOR ARMY ACQUISITION PROGRAM	2 9210 9312 OCSA-PAE TRAC
DALOAM001 O FACILITATING USE OF ARMY EDA	2 9204 9208 DCSLOG LMI
DALOAN001 P SECURITY ASSISTANCE SALES OF DOWNSIZING STOCK	1 9301 9307 DCSLOG LMI
DALOPL005 P Log Implications of CFE	2 9209 9304 DCSLOG CAA
DALOSK010 O SHELF-LIFE STOCK MANAGEMENT	1 9004 9202 DCSLOG LOI
DALOSN003 P WAR RESERVE STOCKAGE PLANNING	1 9301 9307 DCSLOG CONTRACTOR
DALOTM002 O INFORMATION FLOW FOR STRATEGIC DEPLOYMENTS	1 9201 9209 DCSLOG
DALOTM004 O CONUS INFRASTRUCTURE CAN MEET ARMY STRAT/MOB P	1 9201 9303 DCSLOG MTMC TEA
DALOTM005 O TRANSPORTATION OFFICE - IMPACT OF MODERNIZATIO	1 9110 9211 DCSLOG LMI
DALOTN001 P ARMY STRATEGIC MOBILITY PROGRAM DEPLOYMENT INF	2 9301 9307 DCSLOG HQMTMC
DAMIPN001 P RECRUITMENT SOURCES FOR LANGUAGE SPECIALISTS	2 9310 9309 DCSI
DAMOFM001 O FORCE STRUCTURE & MODERNIZATION ANALYSIS	1 9201 9209 DCSOPS TBD
DAMOFM010 O TARGETING AND ATTACK OF CRITICAL RELOCATABLE T	1 9202 9209 DCSOPS VRI
DAMOFM011 O ARMY SPECIAL ELECTRONIC MISSION AIRCRAFT (ASEM	1 9203 9209 DCSOPS AMSAA
DAMOMN001 P REGIONAL DETERRENCE OF NBC WEAPONS	1 9210 9309 DUSA(OR) CAA
DAMOSL002 P Army International Activities Measures of Effe	9010 9109 DCSOPS TBD
DAMOSL004 O The Role of Am. Armies in Preservation of Demo	9010 9011 DCSOPS Lib.Cong-FRD

FY93 ARMY STUDY PROGRAM  
SORTED BY IDENTIFICATION CODE (PUIC)

STATUS	IMPACT	
PUIC***** * ABBR TITLE*****	* STRT END* SPONSOR*** PERFORMER*****	
DAMOSL005 O U.S. Army in a Civil-Military Support Role in	9010 9109 DCSOPS	IDA
DAMOSLI03 O Target Acquisition Study-Phase IV (TAS IV) TEC 3	8810 9212 DCSOPS	AMSAA
DAMOSN003 P FORCE STRUCTURE CAPABILITY ANALYSIS	1 9210 9308 DCSOPS	
DAMOTN006 P Effects of Army Training on the Management of	1 9210 9307 DCSOPS	
DAMOWM013 O BIOLOGICAL WARFARE (BW) HAZARD STUDY	1 9201 93 DCSOPS	USNSEC, DAHLGRE
DAMOZI006 O Soviet Troop Control Procedures	1 8805 9002 DCSOPS	SAIC
DAMOZL001 O Force Structure and Force Planning	9010 9110 DCSOPS	TBD
DAMOZM001 O MOBILIZATION ANALYSIS SUPPORT	1 9112 9210 DCSOPS	SRA/VRI
DAMOZM002 O FORCE CAPABILITIES FOR CONTINGENCY OPERATIONS	1 9110 9210 DCSOPS	VRI
DAMOZN001 P ARMY ROLES AND MISSIONS	1 9210 9308 DCSOPS	
DAMOZN004 P ARMY FORCE MODERNIZATION STRATEGY	1 9210 9310 DCSOPS	
DAPEMNP01 P ENLISTED VOLUNTARY INDEFINITE STATUS VS. REENL	9210 9310 DCSPER	
DAPEMR02 P SOLDIER SURVIVABILITY IN COMBAT MODELS.	9210 9310 DCSPER	
DAPEZNX03 P FUTURE PERSONNEL SYSTEMS	9210 9310 DCSPER	
DASGL O ISSUES RELATING TO ACCESSION, TRAINING & UTILI	2 9202 9302 TSG	HCSCIA
DASGMN001 O DENTAL EXPERIENCE DURING OPERATION DESERT SHIE	1 9012 9209 TSG	HCSCIA
DASGMN002 O PREVALENCE OF HAND PROBLEMS & PAIN AMONG US AR	2 9010 9306 TSG	HCSCIA
DASGMN003 O ALCOHOL & DRUG ABUSE PREVENTION & CONTROL PROG	2 9012 9312 TSG	HCSCIA
DASGMN004 O USING CIVILIAN AND CONTRACT DENTAL MANPOWER: A	2 9010 9212 TSG	HCSCIA
DASGMN005 O WORKLOAD MANAGEMENT SYSTEM FOR NURSING REVISIO	1 9110 9609 TSG	HCSCIA
DASGMN006 O LABOR AND DELIVERY ACUITY-BASED NURSE STAFFING	1 TSG	HCSCIA
DASGMN007 O POST ANESTHESIA CARE UNIT ACUITY-BASED NURSE S	1 TSG	HCSCIA
DASGZF001 O AMBULATORY CLASSIFICATION EVALUATION STUDY (FO	1 8809 9209 TSG	HCSCIA
DASGZG003 O EVALUATION OF COMBAT STRESS TRAINING	2 8512 9409 TSG	HCSCIA/AHS
DASGZI010 O VALIDATION OF COHESION MEASURES FOR THE TOTAL	2 8508 9409 TSG	HCSCIA
DASGZK004 O DELPHI STUDY OF ANC RESEARCH PRIORITIES	1 9001 9009 TSG	HCSCIA
DASGZK005 O OCCUPATIONAL REHABILITATION DEVELOPMENT STUDY	1 8907 9306 TSG	HCSCIA
DASGZL O ACCESS TO CIVILIAN DENTAL CARE FOR ARMY FAMILY	9111 9212 TSG	HCSCIA
DASGZL O PREVALENCE OF PEACETIME DENTAL EMERGENCIES AMO	2 9201 9301 TSG	HCSCIA
DRDUM2 O DENTAL NEEDS OF ACTIVE DUTY PERSONNEL	2 8511 9309 TSG	HCSCIA
ESSC M001 O ARMY HOUSING STUDY: A STRATEGIC PLAN FOR THE	9 1 9205 9311 USACE	CETEC-ES
ESSC M002 P ORGANIZATIONAL EVALUATION OF CORPS READINESS	M 1 9208 9311 USACE	CETEC-ES
FKRMM001 O MANAGEMENT REVIEW OF EUSA MWR ORGANIZATION AND	1 9205 9303 EUSA	EUSA
FKRMM002 O EUSA BASOPS REORGANIZATION	1 9206 9303 EUSA	EUSA
MICOMN503 P SMART MUNITIONS MASTER PLANNING	1 9210 9510 AMC	
MILCPM048 P SYSTEMS ENGINEERING AND TECHNICAL ASSISTANCE	2 9210 9509 AMC	EBASCO SVCS INC
MIPEMM487 O POST ELIMINATION ENVIRONMENTAL SUPPORT	1 9110 9509 AMC	SRS TECHNOLOGY
MIRDSDI002 P REGULATORY SUPPORT	2 9210 9209 AMC	Stnd Tech Inc
NGARF0005 O ARMY NATIONAL GUARD RESTRUCTURE DUE TO QUICKSI	1 ASAP ASAP NGB	Stnd Tech Inc
NGARML003 O ARNG HARDSKILL ANTIDEGREDATION AS SUPPLEMENTATIO	1 9110 9205 NGB	Stnd Tech Inc
NGARMN001 P PROJ OF ARNG MIL TECH/AGR MPR REQ/FUNCT & SKIL	1 9302 9502 NGB	Stnd Tech Inc
NGARMN002 P ENVIRONMENTAL EFFECT ON TRNG, MOB & DEPLOYMENT	1 9302 9502 NGB	Stnd Tech Inc
NGARMN010 P STARC/JSAC FULL-TIME MPWR REQ TO SUPT CONT FOR	1 9305 9506 NGB	Stnd Tech Inc

FY93 ARMY STUDY PROGRAM  
SORTED BY IDENTIFICATION CODE (PUIC)

STATUS	IMPACT
PUIC***** * ABBR TITLE*****	* STRT END* SPONSOR*** PERFORMER*****
SAMRCN002 P Glass Ceiling Study	2 9210 0993 ASA(MRA) TBD
SAMRCN005 P Civilian Sector Support on the Battlefield	2 9210 0993 ASA(MRA) TBD
SARD-M001 P ELECTROMAGNETIC ENVIRONMENTAL EFFECTS (E3) CRI	1 9210 9309 ASA(RDA) TBD
SLCETL001 P TECHNICAL AND ADMINISTRATIVE SUPPORT	3 9204 9504 AMC
SLCROE002 O BOARD OF ARMY SCIENCE AND TECHNOLOGY	7 9102 9502 AMC
SMCCRL003 O SUPPORT SERVICES FOR THE PM-NBC DEFENSE SYSTEM	2 9106 9206 AMC NAT ACAD OF SCI NATIONS, INC

**CHAPTER 5**

**LISTING OF FY93 STUDIES**

**BY FUNCTIONAL AREA**

This chapter presents a listing of all studies contained in the FY93 Army Study Program by the Functional Area which they address. The Functional Areas are, in order of appearance: Structuring, Manning, Training, Deploying, Deploying/Mobilizing, Providing Facilities, Managing Information, Equipping, Sustaining, and Managing.

A description of the headers and symbols used in the listing can be found on the last page and the inside of the back cover of this document. A glossary of terms is located in Appendix A.

FY93 ARMY STUDY PROGRAM  
SORTED BY FUNCTIONAL AREA

***** FUNCTIONAL AREA: STRUCTURING *****			
STATUS	IMPACT	PUIC***** * ABBR TITLE*****	* STRT END* SPONSOR*** PERFORMER*****
CSCAMN004 O Contingency Packages Study	2 9207 9212 ASA(MRA)	CAA	
DAMOSL004 O The Role of Am. Armies in Preservation of Demo	9010 9011 DCSOPS	L1b.Cong-FRD	
DAMOZL001 O Force Structure and Force Planning	9010 9110 DCSOPS	TBD	
DAMOZM002 O FORCE CAPABILITIES FOR CONTINGENCY OPERATIONS	1 9110 9210 DCSOPS	VRI	
CSCAMN013 O Army Force Planning Data & Assumption - FY 95/	2 9010 9207 DCSOPS	CAA	
CSCAMN016 O GLOFAM Methodology Improvement	2 9106 9207 DCSOPS	CAA	
CSCAMN017 O Expanded Force Employment Study	3 9106 9210 DCSOPS	CAA	
CSCAMN021 O Support Requirements Analysis 2001	1 9112 9304 DCSOPS	CAA	
CSCAMN022 O Army Strategic Force Architecture - 92	2 9201 9208 DCSOPS	CAA	
CSCAMN024 O Active/Reserve Mix Study	2 9201 9301 DCSOPS	CAA	
DAMOSL002 P Army International Activities Measures of Effe	9010 9109 DCSOPS	TBD	
DAMOZN001 P ARMY ROLES AND MISSIONS	1 9210 9308 DCSOPS		
DAMOSN003 P FORCE STRUCTURE CAPABILITY ANALYSIS	1 9210 9308 DCSOPS		
CSCAMN011 P Chemical Unit Requirements Study, Phase II	1 9304 DCSOPS	CAA	
CSCAMN034 P Army Force Planning Data and Assumption - FY97	2 9210 9407 DCSOPS	CAA	
CSCAMN040 P Army Strategic Force Architecture Study - 93	2 9211 9306 DCSOPS	CAA	
CSCAMN041 P Active Reserve Mix Study (ARM-93)	2 9301 9306 DCSOPS	CAA	
CSCAMN042 P Global Force Allocation Model Methodology Impr	2 9210 9305 DCSOPS	CAA	
FKRMM001 O MANAGEMENT REVIEW OF EUSA MWR ORGANIZATION AND	1 9205 9303 EUSA	EUSA	
FKRMM002 O EUSA BASOPS REORGANIZATION	1 9206 9303 EUSA	EUSA	
CSCAMN049 O N. Korean Obstacles, Fortifications, & Main Su	1 9111 9301 EUSA	CAA	
NGARFO005 O ARMY NATIONAL GUARD RESTRUCTURE DUE TO QUICKSI	1 ASAP ASAP NGB	Stnd Tech Inc	
AT SACM004 O ADA FORCE STRUCTURE AND MODERNIZATION ANALYSIS	3 9206 9212 TRADOC	ADA	
ATZLCL008 O ASSESSMENT OF THE AH-64 BN AUGMENTATION CO (US	1 9106 9306 TRADOC	CAC/CD	
ATZLCM001 O AIRLAND OPERATIONS FORCES STUDY	1 9110 9409 TRADOC	CAC/CD	
ATSGDM004 O INCREMENTAL PERSONNEL COMMAND (PERSCOM)	1 9203 9303 TRADOC	SSC	
ATZLSJ001 O LOW-INTENSITY CONFLICT CAPABILITIES REQUIREMEN	1 8906 9304 TRADOC	CAC/CD	
ATRCWM011 O RSTA COEA	1 9110 9210 TRADOC	T/WSMR	
ATZKTN001 P ARMOR 1996-2010	3 9210 9403 TRADOC	ARMC	
ATSBCH005 P HEAVY BRIGADE PLS - VARIANT REQUIREMENTS STUDY	3 9303 9309 TRADOC	ARMC	
ATRCFM010 P DEVELOPMENT OF A MATH PROGRAMMING MODEL TO SUP	3 9204 9309 TRADOC	T/OAC	
ATSCDN001 P ORGANIZATIONAL DEFICIENCIES IN DESERT SHIELD/D	1 9210 9307 TRADOC	CHAP	
ATRCFN004 P PARAMETRIC RANGING ANALYSIS	3 9210 9304 TRADOC	T/OAC	
ATRCFN011 P RECONNAISSANCE AND SURVEILLANCE A IALYSIS	3 9210 9309 TRADOC	T/OAC	
ESSC M002 P ORGANIZATIONAL EVALUATION OF CORPS READINESS M	1 9208 9311 USACE	CETEC-ES	
CSCAMN068 O Counterdrug Analysts System	1 9203 9212 USARSO	CAA	
CSCAMN069 O Counterdrug Model	1 9205 9212 USARSO	CAA	

FY93 ARMY STUDY PROGRAM  
SORTED BY FUNCTIONAL AREA

\*\*\*\*\* FUNCTIONAL AREA: MANNING \*\*\*\*\*

STATUS PUIC***** * ABBR TITLE*****	IMPACT * STRT END* SPONSOR*** PERFORMER*****
SAMRCN005 P Civilian Sector Support on the Battlefield	2 9210 0993 ASA(MRA) TBD
DAMOSL005 O U.S. Army in a Civil-Military Support Role in	9010 9109 DCSOPS IDA
DAPEMNRO2 P SOLDIER SURVIVABILITY IN COMBAT MODELS.	9210 9310 DCSPER
DAPEMNP01 P ENLISTED VOLUNTARY INDEFINITE STATUS VS. REENL	9210 9310 DCSPER
DAPEZNX03 P FUTURE PERSONNEL SYSTEMS	9210 9310 DCSPER
CSCAMN045 P Math Program Incentives	1 DCSPER CAA
CSCAMN046 O Personnel Attrition Rates in Combat Operations	9204 9303 DUSA(OR) CAA
NGARML003 O ARNG HARDSKILL ANTIDEGREDATION AS SUPPLEMTATIO	1 9110 9205 NGB Stnd Tech Inc
ATSECM013 O BREACHER COEA	1 9201 9409 TRADOC ENGS
ATSKEK002 O EXPLOSIVE ORDNANCE DISPOSAL (EOD) MOS STUDY	8910 9212 TRADOC MMCS
ATSLDK002 O FUTURE MAINTENANCE SYSTEMS SKILL CONSOLIDATION	1 9006 9212 TRADOC ORDS
ATSKTM001 O EFFECT OF 40-HR TNG WEEK ON LEARNING EFFECTIVE	9205 9212 TRADOC MMCS
ATRCWJ013 O MULTIPLE LAUNCH ROCKET REPAIRMAN TEA	8810 9212 TRADOC MMCS
ATSECM012 O PHASED AND FOCUSED ENGINEER MISSION STUDY	9204 9409 TRADOC ENGS
ATRCWL020 O UNIT MOVEMENT OFFICER VIDEO TELETRAINING (VTT)	9103 9210 TRADOC T/WSMR
ATRCBN001 P IMPROVED CASUALTY RESOLUTION	1 9210 9308 TRADOC T/FBHN
ATSQLN003 P REQUISITE SKILLS TO SUPPORT AVIATION LOGISTICS	1 9302 9402 TRADOC AVLG
ATRCWM016 P TRAINING DEVELOPMENT PRODUCT COST	9206 9306 TRADOC T/WSMR
ATRCFN009 P VIC ADA IMPROVEMENT	3 9210 9409 TRADOC T/OAC
DASGZK005 O OCCUPATIONAL REHABILITATION DEVELOPMENT STUDY	1 8907 9306 TSG HCSCIA
DASGMN002 O PREVALENCE OF HAND PROBLEMS & PAIN AMONG US AR	2 9010 9306 TSG HCSCIA
DASGMN003 O ALCOHOL & DRUG ABUSE PREVENTION & CONTROL PROG	2 9012 9312 TSG HCSCIA
DASGZL O ACCESS TO CIVILIAN DENTAL CARE FOR ARMY FAMILY	9111 9212 TSG HCSCIA

FY93 ARMY STUDY PROGRAM  
SORTED BY FUNCTIONAL AREA

\*\*\*\*\* FUNCTIONAL AREA: TRAINING \*\*\*\*\*

STATUS PUIC***** * ABBR TITLE*****	IMPACT STRT END* SPONSOR*** PERFORMER*****
AMSAVI148 O VALUE ENGINEERING WORKSHOP FOR SELECTED EQUIPM	2 9204 9509 AMC SAIC
CSCAMN003 O Component Requirements & Authorization Determi	3 9109 9208 ASA(MRA) CAA
CSCAMN025 O Chemical Deterrence	1 9203 9207 DCOPS CAA
CSCAMN029 O Reserve Component Tng Installation Facility Ye	1 9205 9309 DCOPS CAA
DAMOTN006 P Effects of Army Training on the Management of	1 9210 9307 DCOPS CAA
CSCAMN035 P Nuclear Impacts Analysis - Two Theaters	1 9305 9308 DCOPS CAA
CSCAMN036 P Nuclear Impacts Analysis - Europe	1 9301 9304 DCOPS CAA
CSCAMN037 P Nuclear Impacts Analysis - Northeast Asia	1 9209 9212 DCOPS CAA
NGARMN002 P ENVIRONMENTAL EFFECT ON TRNG, MOB & DEPLOYMENT	1 9302 9502 NGB Stnd Tech Inc
ATSHTL001 O ADVANCED ANTITANK WEAPON SYSTEM-MEDIUM (AAWS-M)	2 9210 9312 TRADOC T/WSMR
ATSAAM001 O ADA RESERVE COMPONENT TEA	3 9203 9406 TRADOC ADA
ATRCWM023 O ADVANCED FIELD ARTILLERY SYSTEM-CANNON TIA	1 9204 9304 TRADOC T/WSMR
ATSBTL005 O ARMOR 2000 TRAINING STUDY	3 9010 9309 TRADOC ARMC
ATSBTL002 O ARMOR TRAINING STRATEGY STUDY	3 8906 9306 TRADOC ARMC
ATZQTM005 O AVIATION CS TRAINING DEVELOPMENT STUDY	2 9301 9401 TRADOC AVNC
ATRCRL003 O BATTLE ENHANCED CTC & JANUS ANALYSIS METHODOLOG	3 9112 9309 TRADOC T/MTRY
ATSGDM007 O COMPUTER ASSISTED INSTRUCTION (CAI) STUDY	3 9204 9309 TRADOC SSC
ATRCRM005 O 3D TERRAIN VISUALIZATION	3 9110 9309 TRADOC T/MTRY
ATZNCL004 O COMMON TASKS ALIGNMENT WITH CANE TEA	1 9110 9302 TRADOC CMLS
ATSPQF001 O DRIVER SKILL TRAINER (DST) TEA	2 9303 9309 TRADOC TSCH
ATRCRM008 O ENHANCED CTC ANALYSIS AND TRAINING METHODOLOGI	3 9110 9401 TRADOC T/MTRY
ATRCWM007 O IEW TACTICAL PROFICIENCY TRAINER TEA	2 9209 9304 TRADOC T/WSMR
ATSHEM001 O INFANTRY SCHOOL CTC TRENDLINE LESSONS LEARNED	1 9110 9212 TRADOC INFIS
ATZNOM001 O INTEGRATION OF TRAINING IN AN NBC ENVIRONMENT	2 9210 9309 TRADOC CMLS
ATRCRJ012 O ANALYSIS OF FUTURE JANUS(A) SYSTEM REQUIREMENT	2 8903 9909 TRADOC T/WSMR
ATZQTL001 O LONGBOW TRAINING IMPACT ANALYSIS	2 9104 9309 TRADOC AVNC
ATSBTM002 O M1A2 TANK CTEA	2 9110 9310 TRADOC ARMC
ATZNOM005 O UNIT NBC DEFENSE OPERATIONS IN AIRLAND OPERATI	2 9110 9306 TRADOC CMLS
ATRCWM015 O NON-LINE-OF-SIGHT (NLOS) ANTITANK TRAINING- MO	2 9203 9306 TRADOC T/WSMR
ATRCWM014 O NON-LINE-OF-SIGHT (NLOS) COMBINED ARMS (CA) CT	2 9201 9306 TRADOC T/WSMR
ATSKEL001 O PATRIOT SYSTEM DS/GS REPAIRER TEA	1 9106 9306 TRADOC MMCS
ATSACK005 O PATRIOT (POST DÉVELOPMENT BUILD) ADA SYSTEM TE	2 9110 9306 TRADOC ADA
ATZQTL009 O RAH-66 COMANCHE TIA	2 9104 9304 TRADOC AVNC
ATRCSL001 O SIMULATOR/SIMULATION BASED TRAINING PROGRAM AN	1 9010 9410 TRADOC T/WSMR
ATZNOM006 O TRAINING OF BRANCH SPECIFIC TASKS IN AN NBC EN	2 9210 9406 TRADOC CMLS
ATSETM001 O DRILLING TRAINING ISSUES	2 9210 9309 TRADOC ENGS
ATSHEN001 P 120MM MORTAR POST FIELDING TRAINING/SAFETY ANA	2 9210 9312 TRADOC INFIS
ATRCLN001 P 94B10 FOOD SERVICE SPECIALIST VOTEC CTEA	9210 9309 TRADOC T/LEE
ATZQTM002 P AIRLIFT CARGO TIA	2 9211 9312 TRADOC AVNC
ATZQDN001 P AH-64 INTEGRATED CREW SUSTAINMENT TRAINING, TD	2 9211 9306 TRADOC AVNC
ATSAAN002 P AVENGER ADA MISSILE SYSTEM TEA	2 9301 9406 TRADOC ADA
ATRCWN016 P TACTICAL UNMANNED GROUND VEHICLE (CALEB) TIA	2 9210 9312 TRADOC T/WSMR

FY93 ARMY STUDY PROGRAM  
SORTED BY FUNCTIONAL AREA

***** FUNCTIONAL AREA: TRAINING *****			
STATUS	IMPACT		
PUIC**** * ABBR TITLE*****	* STRT END* SPONSOR***	PERFORMER*****	
ATSLDN003 P COMBAT VEHICLE RECOVERY TRAINING SIMULATOR STU	2 9301 9312	TRADOC	ORDS
ATRCWN003 P CCTT CTEA	2 9211 9609	TRADOC	T/WSMR
ATSLDN002 P IMPACT OF PROFESSIONAL CERTIFICATION TESTING	1 9210 9409	TRADOC	ORDS
ATRCWM017 P COMMON GROUND STATION (CGS) CTEA	2 9208 9303	TRADOC	T/WSMR
ATSFFN001 P COMMUNICATIONS READINESS	1 9212 9306	TRADOC	FAS
ATSADM001 P CORPS SURFACE-TO-AIR MISSILE CTEA	3 9307 9406	TRADOC	T/WSMR
ATRCWN001 P CONSOLIDATION OF ENGINEERING SKILLS AND EQUIPM	1 9210 9409	TRADOC	T/WSMR
ATRCWM024 P ENGAGEMENT SKILL TRAINER CTEA	9208 9304	TRADOC	T/WSMR
ATRCWL010 P FORCE LEVEL CONTROL SYSTEM (FLCS) TIA	1 9207 9312	TRADOC	T/WSMR
ATSBTM004 P ARMORED GUNNERY TABLES STUDY	1 9202 9309	TRADOC	ARMC
ATRCWN014 P HAWK PIP III DS/GS MAINTENANCE TEA	2 9210 9401	TRADOC	T/WSMR
ATRCWN012 P HMMWV/HEMTT MAINTENANCE TRAINING STUDY	1 9210 9409	TRADOC	T/WSMR
ATRCWN002 P JANUS MODEL DEVELOPMENT	9210 9309	TRADOC	T/WSMR
ATRCRN003 P JANUS/SIMNET INTERFACE	3 9210 9401	TRADOC	T/MTRY
ATRCFN001 P ANALYTIC SUPPORT TO LA MANEUVERS TASK FORCE	1 9206 9309	TRADOC	T/OAC
ATSCDM001 P MODELS OF LMT TRAINING	2 9208 9305	TRADOC	CHAP
ATSHTN003 P OBJECTIVE CREW-SERVED WEAPON TIA	2 9210 9410	TRADOC	INFS
ATSHTN002 P OBJECTIVE INDIVIDUAL COMBAT WEAPON (OICW) TIA	2 9210 9306	TRADOC	INFS
ATRCWN018 P PRELIMINARY TRAINING DEVELOPMENT STUDY FOR EMS	2 9211 9311	TRADOC	T/WSMR
ATRCWN019 P STANDOFF MINEFIELD DETECTION SYSTEM (STAMIDS)	2 9211 9410	TRADOC	T/WSMR
ATSAAN001 P STINGER FIGHTING VEHICLE (SFV) TEA	2 9301 9406	TRADOC	ADA
ATSBTN001 P ARMOR INDIVIDUAL/CGLECTIVE TASK RETENTION STU	3 9210 9710	TRADOC	ARMC
ATSHTN001 P THE ENHANCED INTEGRATED SOLDIER SYSTEM (TEISS)	2 9210 9406	TRADOC	INFS
ATZQTL002 P TRAINING REQUIREMENTS MODELING STUDY	3 9307 9407	TRADOC	AVNC
ATRCWN015 P TOW FOLLOW-ON TRAINING EVALUATION - PHASE II	2 9210 9409	TRADOC	T/WSMR
ATZQDN003 P AVIATION UAVS LETHAL/NONLETHAL TIA	3 9304 9309	TRADOC	AVNC
ATRCFN008 P VIC/CAMEX GRAPHICS SUPPORT FOR LA MANEUVERS	3 9210 9301	TRADOC	T/OAC
ATSLDN001 P 44E MACHINIST VOTEC FEASIBILITY STUDY	3 9210 9312	TRADOC	ORDS
DASGZG003 O EVALUATION OF COMBAT STRESS TRAINING	2 8512 9409	TSG	HSCIA/AHS
DASGZI010 O VALIDATION OF COHESION MEASURES FOR THE TOTAL	2 8508 9409	TSG	HSCIA
DASGL O ISSUES RELATING TO ACCESSION, TRAINING & UTILI	2 9202 9302	TSG	HSCIA

FY93 ARMY STUDY PROGRAM  
SORTED BY FUNCTIONAL AREA

\*\*\*\*\* FUNCTIONAL AREA: DEPLOYING/MOBILIZING \*\*\*\*\*

STATUS PUIC***** * ABBR TITLE*****	IMPACT * STRT END* SPONSOR*** PERFORMER*****
CSCAMN074 P TIGER EYE WARGAME	3 9309 ARCENT CAA
CSCAMN002 P MARTI 93 Cuban Political Military Game	3 9212 ARLANT CAA
CSCAMN006 O Next Generation Wargame	3 9110 9209 CAA Summit Research
DAMIPN001 P RECRUITMENT SOURCES FOR LANGUAGE SPECIALISTS	2 9310 9309 DCSI
DALOTM005 O TRANSPORTATION OFFICE - IMPACT OF MODERNIZATION	1 9110 9211 DCSLOG LMI
DALOTM004 O CONUS INFRASTRUCTURE CAN MEET ARMY STRAT/MOB P	1 9201 9303 DCSLOG MTMC TEA
DALOTN001 P ARMY STRATEGIC MOBILITY PROGRAM DEPLOYMENT INF	2 9301 9307 DCSLOG HQMTMC
DALOPL005 P Log Implications of CFE	2 9209 9304 DCSLOG CAA
DAMOZI006 O Soviet Troop Control Procedures	1 8805 9002 DCSOPS SAIC
DAMOZM001 O MOBILIZATION ANALYSIS SUPPORT	1 9112 9210 DCSOPS SRA/VRI
CSCAMN018 O Hurricane Political-Military Game	9108 9207 DCSOPS CAA
CSCAMN019 O Latin America Scenarios through 2001	9111 9208 DCSOPS CAA
CSCAMN020 O Pacific Rim 2015	9111 9209 DCSOPS CAA
CSCAMN027 O Nuclear Weapons Requirements Political-Militar	9202 9207 DCSOPS CAA
CSCAMN028 O Nuclear Weapons Political Issues Political-Mil	1 9203 9207 DCSOPS CAA
CSCAMN030 O Chemical Weapons Deterrents Alternatives Strat	9204 9208 DCSOPS CAA
CSCADN003 O Mobilization Capabilities Evaluation Model	2 9205 9306 DCSOPS CAA/AMCI
CSCAMN043 O Army Initiatives - Deployment Analysis	3 9206 9210 DCSOPS CAA
CSCAMN012 P Support Force Rqmts Analysis - 2001 Deployment	1 9207 9210 DCSOPS CAA
CSCAMN032 P CHAGRES Political/Military Game	3 9304 9306 DCSOPS CAA
CSCAMN033 P Army Global Strategic Force Planning Game 93	3 9210 9212 DCSOPS CAA
CSCAMN044 P Joint Military Net Assessment 92	3 DCSOPS CAA
CSCAMN050 O Tactical Combat Samples and Linkage to TACWAR	3 9111 9207 EUSA CAA
CSCAMN047 P CHONGSHIN WARGAME	3 9303 EUSA CAA
CSCAMN048 P CHEONGSAN Northeast Pacific Political Military	3 9306 EUSA CAA
CSCAMN051 P Korean Reduction Study Pol/Mil Game	3 9210 9212 EUSA CAA
CSCAMN052 P Second Low Intensity Conflict Analysis Worksho	3 9210 9212 EUSA CAA
NGARMN010 P STARC/JSAC FULL-TIME MPWR REQ TO SUPT CONT FOR	1 9305 9506 NGB Stnd Tech Inc
DACSON002 P RECONSTITUTION	3 9301 9306 OCSA-PAE
ATSBON002 P TANK AMMUNITION COEA	3 9210 9304 TRADOC ARM
ATRCWN013 P UNIV OF NDAKOTA ROTARY WING AVIATOR TRAINING	2 9210 9709 TRADOC T/WSMR
DRDUM2 O DENTAL NEEDS OF ACTIVE DUTY PERSONNEL	2 8511 9309 TSG HSCIA
DASGMN001 O DENTAL EXPERIENCE DURING OPERATION DESERT SHIE	1 9012 9209 TSG HSCIA
DASGZL O PREVALENCE OF PEACETIME DENTAL EMERGENCIES AMO	2 9201 9301 TSG HSCIA
CSCAMN055 P HAMMER WARGAME	3 9303 USAREUR CAA
CSCAMN056 P ANVIL WARRGAME	3 9306 USAREUR CAA
CSCAMN057 P Europa 92 Pol/Mil Game on the Sec. Cal. of Eur	3 9211 9302 USAREUR CAA
CSCAMN058 P BLACKJACK European Political Military Game	3 9212 USAREUR CAA
CSCAMN059 P KINGFISH EUROPEAN POLITICAL MILITARY GAME	3 9307 9309 USAREUR CAA
CSCAMN060 P EUROPE 2000	3 9304 9306 USAREUR CAA
CSCAMN061 P EUROPE 93 Pol/Mil Game on the Security Calculu	3 9210 9212 USAREUR CAA
CSCAMN062 P Strategic Wargame Requirements Analysis	3 9301 9306 USAREUR CAA

FY93 ARMY STUDY PROGRAM  
SORTED BY FUNCTIONAL AREA

\*\*\*\*\* FUNCTIONAL AREA: DEPLOYING/MOBILIZING \*\*\*\*\*

STATUS	IMPACT
PUIC***** * ABBR TITLE*****	* STRT END* SPONSOR*** PERFORMER*****
CSCAMN063 P SAPPHORO WARGAME	3 9303 USARJ CAA
CSCAMN064 O Political Environments Sensitivity Pol-Mil Gam	9204 9209 USARPAC CAA
CSCAMN065 P GANGES Pacific/India Pol/Mil Game	3 9307 9309 USARPAC CAA
CSCAMN066 P SHALIMAR India/Pakistan Political Military Gam	3 9307 9309 USARPAC CAA
CSCAMN070 O Counterdrug Measures of Effectiveness	9204 9210 USARSO CAA
CSCAMN067 P Balboa 92 Panamanian Political Military Game	3 9210 9212 USARSO CAA
CSCAMN071 P CHAGRES Wargame	3 9304 9306 USARSO CAA
CSCAMN072 P GATUN 93 Wargame on the Defense of the Canal Z	3 9301 9304 USARSO CAA
CSCAMN075 P Deep Shadow Wargame	3 9306 USARSO CAA
CSCAMN073 P Joint Korean Arms Control Study	3 9306 USFK CAA

\*\*\*\*\* FUNCTIONAL AREA: PROVIDING FACILITIES \*\*\*\*\*

STATUS	IMPACT
PUIC***** * ABBR TITLE*****	* STRT END* SPONSOR*** PERFORMER*****
CSCAMN008 O Renewables and Energy Efficiency Planning	1 9201 9212 COE CAA
ESSC M001 O ARMY HOUSING STUDY: A STRATEGIC PLAN FOR THE	9 1 9205 9311 USAEC CETEC-ES

\*\*\*\*\* FUNCTIONAL AREA: MANAGING INFORMATION \*\*\*\*\*

STATUS	IMPACT
PUIC***** * ABBR TITLE*****	* STRT END* SPONSOR*** PERFORMER*****
AMSTEM002 O TEST TECHNOLOGY SYMPOSIUM V SUPPORT	2 9112 9209 AMC BIONETICS, INC
AMXCTI001 O TMDE MANAGEMENT INFORMATION SYSTEM	1 8602 8912 AMC CENTRAL TMDE AC
AMXIBL014 O ACCELERATED DEFENSE ENGINEERING PROCESS TECHNO	2 9107 9207 AMC NEI
ASELPJ002 O COMPUTER SECURITY CERTIFICATION AND ACCREDITAT	2 9008 9208 AMC SOFTWARE SYS EN
ASELPG002 O TECHNICAL SUPPORT FOR C3 SYSTEM	2 8705 9208 AMC TAMSCO
AMCENM003 P ENVIRONMENTAL DATA BASE MANAGEMENT	3 9301 9509 AMC
CSCAMN005 O ARDENNES Campaign Simulation	3 8910 9205 CAA
CSCAMN007 O Economic Analysis Of HQDA Automation Programs	2 9204 9302 CAA
DALOTM002 O INFORMATION FLOW FOR STRATEGIC DEPLOYMENTS	1 9201 9209 DCSLOG
CSCAMN031 P The Data Interpretation System (DIS), hosted b	2 9310 9409 DCSOPS CAA/Contractor
ATRCFM006 O ADVANCING THE STATE OF THE ART IN DIS	9110 9509 TRADOC T/OAC
ATRCWM022 O ARMY ANALYST WORK STATION	9111 9309 TRADOC T/SAC
ATSLCH002 O AUTOMATED MAINTENANCE MANAGEMENT SYSTEM COEA	2 9007 9212 TRADOC ORDS
ATSLCK001 O AUTOMATED MAINTENANCE MANAGEMENT SYSTEM SOA	2 9007 9212 TRADOC ORDS
ATRCLM002 O CSS CONTROL SYSTEM TIA	1 9110 9304 TRADOC T/WSMR
ATSLCL003 O STUDIES DATABASE ANALYTICAL SUPPORT	3 9108 9302 TRADOC ORDS
ATRCFM008 O STANDARD THEATER ARMY COMMAND & CONTROL SYSTEM	2 9110 9312 TRADOC T/OAC
ATRCWNO07 P EVALUATION OF VISUAL SEARCH & TARGET ACQUISITI	9210 9410 TRADOC T/WSMR
ATRCFN014 P INTEGRATION OF ADVERSARIAL PLANNER AND EAGLE	3 9105 9309 TRADOC T/OAC
ATRCFN002 P EAGLE C3 ENHANCEMENT	3 9210 9309 TRADOC T/OAC
ATRCFN006 P EAGLE CONVERSION	3 9210 9406 TRADOC T/OAC
ATRCFN012 P INTELLIGENCE FUSION AND NETWORK MODEL	T 9210 9310 TRADOC T/OAC
ATRCWNO09 P INTEGRATED SYSTEM CONTROL CTEA	3 9208 9212 TRADOC T/WSMR
ATRCWN006 P AUTOMATED JANUS-TO-CASTFOREM LINKAGE	2 9210 9309 TRADOC T/WSMR
ATRCWN017 P JOINT TACTICAL FORCE (JTF)-6 ANALYTICAL SUPPOR	2 9210 9312 TRADOC T/WSMR
ATRCFN013 P APPLIED OBJECT DATABASE MANAGEMENT SYSTEM	3 9210 9309 TRADOC T/OAC
ATRCFN007 P VIC CHECKPOINT-MODIFY-RESTART	9210 9304 TRADOC T/OAC
ASQBIK001 O INFORMATION STRATEGIES GROUP (ISG)	3 9110 9209 USAISC ISG
ASQBOL004 O ARMY INFORMATION PROCESSING CENTERS	2 9109 9209 USAISC SAIC
ASQBCM001 O INQUIRY AND RESEARCH SERVICES IN EMERGING TECH	3 9110 9210 USAISC GARTNER GROUP

FY93 ARMY STUDY PROGRAM  
SORTED BY FUNCTIONAL AREA

***** FUNCTIONAL AREA: EQUIPPING *****			
STATUS	IMPACT		
PUIC***** * ABBR TITLE*****	* STRT END* SPONSOR*** PERFORMER*****		
AMCCEL00 O CONTRACTOR CERTIFICATION	1 9107 9207 AMC	NORCOM	
AMCDEL002 O OPERATING & SUPPORT COST REDUCTION SCHEDULES &	1 9007 9509 AMC	SAIC	
AMXIBM101 O IEA SUPPORT	2 9205 9512 AMC	NEI	
AMXISM102 O IEA SUPPORT	2 9205 9512 AMC	BDM	
ASELPG256 O TECHNICAL SUPPORT - PM TEMOD	1 8803 9203 AMC	XECO	
ASELPH265 O TEST PROGRAM SET SUPPORT SERVICES	2 8703 9203 AMC	GIORDANO ASSOC	
ASELPJ001 O COST ANALYSIS SUPPORT SERVICES	1 9002 9402 AMC	SYTEX INC	
ASELPJ001 O COST ANALYSIS SUPPORT SERVICES	1 9002 9502 AMC	SYTEX INC	
ASELPJ001 O COST ANALYSIS SUPPORT SERVICES	1 9002 3502 AMC	SYTEX, INC	
SLCROE002 O BOARD OF ARMY SCIENCE AND TECHNOLOGY	7 9102 9502 AMC	NAT ACAD OF SCI	
AMCPMN002 P AVIONICS UPGRADE MANAGEMENT SUPPORT	1 9210 9509 AMC		
AMCPMN003 P U-XX PROCUREMENT MANAGEMENT SUPPORT	1 9310 9709 AMC		
AMSAVM169 P NONDESTRUCTIVE TEST EQUIPMENT IPR AND TYPE CLA	2 9210 9309 AMC	TBD	
AMSAVM170 P NONDESTRUCTIVE TEST EQUIPMENT TEMP & TYPE INTE	2 9210 9309 AMC		
AMSAVM172 P UNIT MAINTENANCE AERIAL RECOVERY KIT IPR/TYPE	2 9210 9309 AMC		
AMSAVM173 P UNIT MAINTENANCE AERIAL RECOVERY KIT TEMP/TIWG	2 9210 9309 AMC		
AMSMCL001 P CHEMICAL MAINTENANCE AND DOCUMENTATION SUPPORT	2 9105 9404 AMC	SUMMIT TECHNOL	
AMSMCN001 P PALADIN M109A6 HOWITZER SAMPLE DATA COLLECTION	2 9403 9803 AMC	DATA, INC	
AMSTIM042 P BRADLEY & M113 FAMILY OF VEHICLES PRODUCTION	R 2 9203 9209 AMC	FMC CORP	
MICOMN503 P SMART MUNITIONS MASTER PLANNING	1 9210 9510 AMC		
MIRDSI002 P REGULATORY SUPPORT	2 9210 9209 AMC	SRS TECHNOLOGY	
SLCETL001 P TECHNICAL AND ADMINISTRATIVE SUPPORT	3 9204 9504 AMC		
SARD-M001 P ELECTROMAGNETIC ENVIRONMENTAL EFFECTS (E3) CRI	1 9210 9309 ASA(RDA)	TBD	
DALOAM001 O FACILITATING USE OF ARMY EDA	2 9204 9208 DCSLOG	LMI	
CSCAMN009 O Joint Chemical Defense Equipment Consumption	R 1 9110 9303 DCSLOG	CAA	
DALOAN001 P SECURITY ASSISTANCE SALES OF DOWNSIZING STOCK	1 9301 9307 DCSLOG	LMI	
DAMOSLI03 O Target Acquisition Study-Phase IV (TAS IV) TEC	3 8810 9212 DCSOPS	AMSAA	
DAMOFM001 O FORCE STRUCTURE & MODERNIZATION ANALYSIS	1 9201 9209 DCSOPS	TBD	
DAMOWM013 O BIOLOGICAL WARFARE (BW) HAZARD STUDY	1 9201 93 DCSOPS	USNSEC, DAHLGRE	
DAMOFM010 O TARGETING AND ATTACK OF CRITICAL RELOCATABLE	T 1 9202 9209 DCSOPS	VRI	
DAMOFM011 O ARMY SPECIAL ELECTRONIC MISSION AIRCRAFT (ASEM	1 9203 9209 DCSOPS	AMSAA	
CSCAMN014 O Value Added Analysis - Phase II	9012 9207 DCSOPS	CAA	
CSCAMN023 O Army Operational Requirements for Nuclear Fire	1 9202 9209 DCSOPS	CAA	
CSCAMN026 O Biological Assessment and Modelling Study	2 9203 9208 DCSOPS	CAA	
CSCAMN038 P Biological Warfare Defense Capabilities	2 9305 9310 DCSOPS	CAA	
CSCAMN039 P Biological Weapons Proliferation-The Emerging	3 9301 9304 DCSOPS	CAA	
DAMONN001 P REGIONAL DETERRENCE OF NBC WEAPONS	1 9210 9309 DUSA(OR)	CAA	
DACSDN004 O DECISION SUPPORT FOR ARMY ACQUISITION PROGRAM	2 9210 9312 OCSA-PAE	TRAC	
ARSADL002 O MODELING STUDY TO DEMONSTRATE ROC ACHIEVEMENT	2 9007 9309 PEO ARMTS	IITRI	
ARSADM003 O SUPPORT OF RISK ANALYSIS, TECHNICAL EVALUATION	2 9206 9303 PEO ARMTS	NOMURA	
ARSADM004 P SUPPORT OF RISK ANALYSIS, TECHNICAL EVALUATION	2 9206 9303 PEO ARMTS	CONTRACTOR	
ATSBCN001 O 50 TON FUTURE MAIN BATTLE TANK	2 9205 9404 TRADOC	ARMC	

FY93 ARMY STUDY PROGRAM  
SORTED BY FUNCTIONAL AREA

***** FUNCTIONAL AREA: EQUIPPING *****			
STATUS	IMPACT	STRT	END*
PUIC***** * ABBR TITLE*****	SPONSOR*** PERFORMER*****		
ATRCWM001 O 63810 LIGHT WHEELED VEHICLE MECHANIC VOTEC PIL	9112 9405 TRADOC	T/LEE	
ATZQM002 O AIRLIFT CARGO REQUIREMENTS STUDY	2 9206 9312 TRADOC	AVNC	
ATRCRJ006 O PHYSICAL SIMULATION ENVIRONMENT FOR MIL ACQUIS	3 8810 9712 TRADOC	T/WSMR	
ATSFCH015 O ADVANCED FIELD ARTILLERY SYSTEM (AFAS) REQUIRE	2 9110 9210 TRADOC	FAS	
ATRCSM009 O AFAS-C/FARV-A COEA	2 9203 9408 TRADOC	T/SAC	
ATSFCL003 O AFATDS SOFTWARE REQUIREMENTS STUDY	2 9301 9404 TRADOC	FAS	
ATZQCL012 O ATTACK/RECONNAISSANCE AIRCRAFT ARMAMENT REQUIR	3 9011 9212 TRADOC	AVNC	
ATSLCL001 O ARMORED BN RECOVERY & MAINT SIMULATION (ARMSIM)	3 9010 9305 TRADOC	ORDS	
ATRCFM011 O DEPTH OF ARMY INFLUENCE STUDY	3 9203 9301 TRADOC	T/OAC	
ATZQCL013 O AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) REQUIRE	1 9104 9302 TRADOC	AVNC	
ATZQCL002 O AVIATION C3 REQUIREMENTS STUDY - PHASE I	1 9111 9303 TRADOC	AVNC	
ATZNCL001 O BIOLOGICAL DETECTOR COEA	2 9101 9408 TRADOC	CMLS	
ATZNCJ005 O BIOLOGICAL THREAT OPERATIONAL ASSESSMENT STUDY	3 9002 9404 TRADOC	CMLS	
ATZLCL004 O ANALYTIC SUPPORT FOR CBRS CYCLE 96-10	1 9106 9309 TRADOC	T/OAC	
ATSMCM005 O BALLISTIC PROTECTIVE SYSTEM COEA	9203 9309 TRADOC	QMCBS	
ATRCFM001 O COMMAND AND CONTROL FUNCTIONAL AREA MODEL DEVE	3 9110 9212 TRADOC	T/OAC	
ATRCWM012 O CANE FDTE MODELING AND ANALYSIS SUPPORT	1 9111 9407 TRADOC	T/WSMR	
ATRCWK013 O CASTFOREM DEVELOPMENT	3 9103 9301 TRADOC	T/WSMR	
ATSLCL002 O COMBAT DEVELOPMENTS SIMULATION ANALYTIC SUPPOR	3 9010 9305 TRADOC	ORDS	
ATRCWLO05 O COMMON GROUND STATION STUDY	2 9205 9306 TRADOC	T/OAC	
ATSECM004 O COUNTERMOBILITY REMOTE CONTROL SYSTEM (CIRCE)	2 9303 9403 TRADOC	ENGS	
ATZNCJ003 O CHEMICAL MODEL IMPROVEMENT PROGRAM	2 8810 9309 TRADOC	CMLS	
ATORTF009 O CORRELATION OF FORCES AND MEANS	3 9107 9308 TRADOC	T/WSMR	
ATRCWM025 O COMBAT VEHICLE IDENTIFICATION, FRIEND OR FOE (	2 9205 9309 TRADOC	T/WSMR	
ATSACM002 O CORPS SURFACE-TO-AIR MISSILE COEA	2 9201 9303 TRADOC	T/SAC	
ATRCFJ001 O CORPS/DIVISION ANALYTIC (EAGLE) MODEL	8801 9312 TRADOC	T/OAC	
ATRCSL013 O EUROPE COMMAND THEATER RESOLUTION SCENARIO 1.0	3 9304 9309 TRADOC	T/SNC	
ATSFCL011 O FIELD ARTILLERY ATTACK OPERATIONS REQUIREMENTS	2 9107 9306 TRADOC	FAS	
ATSLCL005 O FUTURE MAINTENANCE SYSTEMS REQUIREMENTS & TECH	1 9012 9212 TRADOC	ORDS	
ATZACI002 O GAP CROSSING STUDY	2 8803 9409 TRADOC	ENGS	
ATRCWJ016 O GE/US COMBINED AIR DEFENSE STUDY	1 8806 9310 TRADOC	T/WSMR	
ATSETM004 O PRECISE GEODETIC POSITIONING RMNTS FOR CORPS/	3 9110 9309 TRADOC	ENGS	
ATSECM008 O HEAVY DRY SUPPORT BRIDGE (HDSB) COEA	2 9210 9312 TRADOC	ENGS	
ATSECK004 O IMPROVEMENT TO COMBAT MANEUVER IN MODELS STUDY	2 9010 9404 TRADOC	ENGS	
ATRCRM009 O JANUS AUDITORY SENSOR ALGORITHM DEVELOPMENT	9112 9401 TRADOC	T/MTRY	
ATSFCH002 O JOINT LONG RANGE MISSILE SYSTEM STUDY	1 9201 9309 TRADOC	FAS	
ATZQM003 O LONGBOW STATIONARY TARGET IDENTIFICATION STUDY	9201 9305 TRADOC	AVNC	
ATSHCM004 O LASER COUNTERMEASURE (LCMS) SYSTEM PHASE 2 COE	2 9201 9309 TRADOC	T/WSMR	
ATRCFM003 O LOW INTENSITY CONFLICT MODEL DEVELOPMENT	1 9110 9310 TRADOC	T/OAC	
ATSFCH008 O FA PRECISION INTERDICTION STUDY	1 9112 9309 TRADOC	FAS	
ATRCWK005 O LINE-OF-SIGHT ANTITANK & INF ANTIARMOR (LOSAT/	2 8906 9210 TRADOC	T/WSMR	
ATSFCH003 O LIGHTWEIGHT LASER DESIGNATOR/RANGEFINDER COEA	2 9203 9210 TRADOC	FAS	

FY93 ARMY STUDY PROGRAM  
SORTED BY FUNCTIONAL AREA

FUNCTIONAL AREA: EQUIPPING			
STATUS	IMPACT		
PUIC***** * ABBR TITLE*****	* STRT END* SPONSOR***	PERFORMER*****	
ATRCRL004 O MODEL-TEST-MODEL (M-T-M) USING HIGH RESOLUTION	3 9101 9306	TRADOC	T/MTRY
ATRCRJ002 O MIX ANALYSIS METHODOLOGY	1 8901 9309	TRADOC	T/WSMR
ATRCNM013 O NON-LINE-OF-SIGHT (NLOS) COMBINED ARMS (CA) CO	1 9201 9306	TRADOC	T/WSMR
ATSHCM005 O OBJECTIVE CREW SERVED WEAPON SOA	2 9210 9410	TRADOC	INFS
ATSHCM003 O OBJECTIVE INDIVIDUAL COMBAT WEAPON COEA	2 9206 9406	TRADOC	INFS
ATRCSM006 O SADARM COEA UPDATE	2 9204 9301	TRADOC	T/SAC
ATSLCL013 O SHOP EQUIPMENT CONTACT MAINT HMMWV HVY VARIANT	2 9012 9211	TRADOC	ORDS
ATSLCL006 O STATISTICAL AND EXPERIMENTAL DESIGN SUPPORT	3 9101 9212	TRADOC	ORDS
ATRCWM021 O COMBAT SELF PROTECTION SYSTEM (STINGRAY) COEA	2 9210 9303	TRADOC	T/WSMR
ATRCRJ001 O TRAC AUTOMATED DATABASE SYSTEM	3 8810 9509	TRADOC	T/SAC
ATZQCM001 O AVIATION UAVS LETHAL/NONLETHAL REQUIREMENTS ST	2 9304 9309	TRADOC	AVNC
ATRCFL012 O JOINT US/UK THEATER COMMAND AND CONTROL (C2) S	3 9103 9303	TRADOC	T/OAC
ATORCF007 O VIC DEVELOPMENT	1 8704 9312	TRADOC	T/OAC
ATSFN007 P 105MM DPICM COEA	2 9307 9409	TRADOC	FAS
ATSFN006 P LIGHTWEIGHT 155MM HOWITZER REQUIREMENTS ANALYS	2 9302 9308	TRADOC	FAS
ATRCRN002 P 1M RESOLUTION LOS	3 9210 9401	TRADOC	T/MTRY
ATSFN002 P AFAS, FARV-A, AND FAAPS SOA	2 9211 9305	TRADOC	FAS
ATSFN003 P FIELD ARTILLERY AMMUNITION COMBAT RATES STUDY	3 9211 9305	TRADOC	FAS
ATRCSL010 P ALL SOURCE ANALYSIS SYSTEM BLOCK II COEA	2 9206 9302	TRADOC	T/OAC
ATRCFN010 P ASAS FORCE EFFECTIVENESS STUDY	3 9210 9307	TRADOC	T/OAC
ATSFN011 P ADVANCED TARGET ACQUISITION COUNTERFIRE SYSTEM	2 9307 9309	TRADOC	FAS
ATSMCK007 P ALL-TERRAIN LIFTER ARTICULATED SYSTEM SOA	2 9304 9404	TRADOC	QMC&S
ATSFN010 P BAT COEA	2 9211 9303	TRADOC	FAS
ATRCFN005 P ANALYTIC SUPPORT TO BATTLEFIELD DYNAMICS WORKI	1 9210 9409	TRADOC	T/OAC
ATSHCK004 P TACTICAL UNMANNED GROUND VEHICLE (CALEB) JOINT	2 9206 9309	TRADOC	T/WSMR
ATRCWN008 P FIRE SUPPORT CASTFOREM USER ENHANCEMENTS	3 9210 9309	TRADOC	T/WSMR
ATRCWN009 P COUNTER-DRUG OPERATIONS MODEL RESEARCH	3 9309 9512	TRADOC	T/WSMR
ATRCFN003 P DECISION SUPPORT FOR ARMY ACQUISITION PROGRAM	3 9210 9309	TRADOC	T/OAC
ATSBCL003 P FUTURE SCOUT VEHICLE SOA	2 9212 9305	TRADOC	ARMC
ATRCWN056 P GENERATOR REQUIREMENTS AND TECHNOLOGY BASE STU	2 9209 9312	TRADOC	ORDS
ATSB_____ P TANK FLEET MIX - GRAY THREAT ANALYSIS	3 9310 9401	TRADOC	ARMC
ATSFN005 P GUN LAYING AND POSITIONING COEA	2 9301 9402	TRADOC	FAS
ATRCWN010 P HIGH RESOLUTION MODEL DEVELOPMENT	3 9309 9810	TRADOC	T/WSMR
ATRCSN001 P HI-RES SCENARIO 30 (LIGHT INF DEFENSE - SWA)	3 9210 9303	TRADOC	T/SWC
ATRCSM003 P HI-RES SCENARIO 35 (BALANCED TASK FORCE HASTY	3 9203 9210	TRADOC	T/SWC
ATRCSM008 P HI-RES SCENARIO 37 (MECH BDE ATTACK - EUR)	3 9204 9212	TRADOC	T/SWC
ATRCSN002 P HI-RES SCENARIO 38 (LIGHT INFANTRY ATTACK FORC	3 9210 9302	TRADOC	T/SWC
ATRCSN003 P HI-RES SCENARIO 39 (CAVALRY HEAVY GUARD - SWA)	3 9212 9306	TRADOC	T/SWC
ATRCSN004 P HI-RES SCENARIO 40 (BREACH OF A COMPLEX OBSTAC	3 9301 9307	TRADOC	T/SWC
ATRCSN005 P HI-RES SCENARIO 41 (AIR ASSAULT ATTACK - NEA)	3 9303 9310	TRADOC	T/SWC
ATRCSN006 P HI-RES SCENARIO 42 (DELIBERATE RIVER CROSSING	3 9305 9312	TRADOC	T/SWC
ATRCSN007 P HI-RES SCENARIO 43 (LIGHT INF/AIR ASSAULT DEFE	3 9307 9402	TRADOC	T/SWC

FY93 ARMY STUDY PROGRAM  
SORTED BY FUNCTIONAL AREA

FUNCTIONAL AREA: EQUIPPING			
STATUS	IMPACT		
PUIC***** * ABBR TITLE*****	* STRT END* SPONSOR***	PERFORMER*****	
ATRCRN001 P MULTIMEDIA INTEGRATION INTO JANUS(A)	3 9210 9309 TRADOC	T/MTRY	
ATRCWN011 P INTEGRATION OF JANUS INTO DIS	3 9304 9512 TRADOC	T/WSMR	
ATSMCN001 P CONTAINERIZED KITCHEN COEA	2 9210 9304 TRADOC	QMC&S	
ATSMCN002 P CONTAINERIZED KITCHEN MPTA	2 9210 9304 TRADOC	QMC&S	
ATSMCN011 P LIGHTWEIGHT COLLAPSIBLE PILLOW TANK (PETROLEUM	2 9210 9302 TRADOC	QMC&S	
ATSMCN012 P LIGHTWEIGHT COLLAPSIBLE PILLOW TANK (PETROLEUM	2 9210 9302 TRADOC	QMC&S	
ATSMCN007 P LIGHTWEIGHT WATER PURIFICATION SYSTEM COEA	2 9210 9309 TRADOC	QMC&S	
ATSMCN008 P LIGHTWEIGHT WATER PURIFICATION SYSTEM MPTA	2 9210 9302 TRADOC	QMC&S	
ATFCN009 P MLRS FAMILY OF MUNITIONS ANALYSIS	2 9210 9401 TRADOC	FAS	
ATFCM004 P MLRS ROCKETS IN CONTINGENCY OPERATIONS	2 9207 9309 TRADOC	FAS	
ATZHCN004 P MULTIBAND RADIO SOA	2 9210 9312 TRADOC	SIGS	
ATFCN001 P OPERATIONAL ASSESSMENT OF PALADIN	2 9210 9307 TRADOC	FAS	
ATSMCN005 P PACKAGED WATER SYSTEM COEA	2 9210 9302 TRADOC	QMC&S	
ATSMCN006 P PACKAGED WATER SYSTEM MPTA	2 9210 9302 TRADOC	QMC&S	
ATRCWJ030 P RECOVERY VEHICLE REQUIREMENTS AND TECHNOLOGY	B 1 9106 9309 TRADOC	ORDS	
ATFCN004 P P3I SADARM ANALYSIS	2 9212 9306 TRADOC	FAS	
ATSMCN003 P CONTAINERIZED LAUNDRY AND SHOWER SYSTEM COEA	2 9210 9304 TRADOC	QMC&S	
ATSMCN004 P CONTAINERIZED LAUNDRY AND SHOWER SYSTEM MPTA	2 9210 9301 TRADOC	QMC&S	
ATRCWN004 P ANALYSIS OF SIGNATURE REDUCTION REQUIREMENTS	2 9210 9303 TRADOC	T/WSMR	
ATZHCN002 P SINCgars FOLLOW-ON ENHANCEMENTS COEA	2 9210 9309 TRADOC	SIGS	
ATRCSN008 P SOUTHCOM THEATER RESOLUTION SCENARIO 1.0	3 9306 9309 TRADOC	T/SWC	
ATSHCM006 P THE ENHANCED INTEGRATED SOLDIER SYSTEM (TEISS)	9206 9406 TRADOC	INFS	
ATSQLN004 P VEHICLE-MOUNTED MAINTENANCE SUPPORT (VMMSS)	S0 2 9307 9403 TRADOC	AVLG	
ATSMCN009 P CHEMICAL AGENT WATER DETECTION KIT COEA	2 9210 9309 TRADOC	QMC&S	
ATSMCN010 P CHEMICAL AGENT WATER DETECTION KIT MPTA	2 9210 9302 TRADOC	QMC&S	
ATSBGN003 P XM943 STAFF COEA	2 9210 9304 TRADOC	ARMC	

FY93 ARMY STUDY PROGRAM  
SORTED BY FUNCTIONAL AREA

\*\*\*\*\* FUNCTIONAL AREA: SUSTAINING \*\*\*\*\*

STATUS PUIC***** * ABBR TITLE*****	IMPACT * STRT END* SPONSOR*** PERFORMER*****
AMSAVL007 O PROGRAMMATIC AND TECHNICAL SUPPORT (PATS)	2 8911 9311 AMC SAIC
AMSTRL002 O LCU WARRANTY EFFORT	2 9108 9408 AMC DATA, INC
AMSTRM001 O SAMPLE DATA COLLECTION	2 9204 9209 AMC COBRO
AMSTRM001 O SAMPLE DATA COLLECTION	2 9204 9209 AMC COBRO
ASELPG272 O GENERAL ILS	2 8808 9107 AMC VENNTRONIX
ASELPG272 O GENERAL SUPPORT SERVICES FOR ILS DIRECTORATE	2 8808 9107 AMC VENNTRONIX
ASELPI304 O OMNIBUS ILS/MANPRINT SUPPORT	2 8808 9205 AMC VENNTRONIX
MILCPM048 P SYSTEMS ENGINEERING AND TECHNICAL ASSISTANCE	2 9210 9509 AMC
CSCAMN010 O Analysis of Army RC Clothing Replacement Proce	2 9108 9209 DCSLOG CAA
DALOSN003 P WAR RESERVE STOCKAGE PLANNING	1 9301 9307 DCSLOG CONTRACTOR
CSCAMN015 O Wartime Requirements, FY 99	2 9105 9207 DCSOPS CAA
CSCAFL002 P Model Maintenance & Support	9110 9209 DCSOPS TBD
CSCAMN054 O Test, Evaluation, and Modeling of ABRAMS	2 9203 9305 OPTEC CAA
ATSQLM001 O ARMY AVIATION DEHUMIDIFICATION SYSTEM (AADS) C	3 9208 9304 TRADOC AVLG
ATSQLM002 O FEASIBILITY OF ESTABLISHING AN AVIM AGSE REPAI	3 9206 9306 TRADOC AVLG
ATSQLM005 O GROUND RECOVERY OF ARMY AIRCRAFT	3 9204 9308 TRADOC AVLG
ATSMCM001 O BATTLEFIELD SPARES SYSTEM (BSS) COST & SAVINGS	3 9204 9304 TRADOC QMC&S
ATSMCM002 O BATTLEFIELD SPARES SYSTEM TEST & EVAL FRONT EN	1 9209 9304 TRADOC QMC&S
ATSMCM003 O BATTLEFIELD SPARES SYSTEM TEA	1 9207 9412 TRADOC QMC&S
ATSKCL002 O OPTIMAL COMBAT CONFIGURED LOADS STUDY	9106 9306 TRADOC MMCS
ATRCLM001 O COMBAT SERVICE SUPPORT FORCE DESIGN ANALYSIS	2 9110 9309 TRADOC T/LEE
ATSETM002 O DIGITAL TOPOGRAPHIC DATA BASES FOR CONTINGENCY	1 9210 9409 TRADOC ENGS
ATSLCL011 O ELECTRICAL COMPONENT TEST STAND COEA	2 9108 9303 TRADOC ORDS
ATSMCK014 O MODULAR SPACE HEATER COEA	2 9206 9212 TRADOC QMC&S
ATSMCJ001 O MODULAR SPACE HEATER SOA	2 9206 9211 TRADOC QMC&S
ATSQLM007 O MOBILITY CONCEPT FOR AVIATION MAINT ORG - 2000	3 9207 9312 TRADOC AVLG
ATSGDM006 O MORALE, WELFARE AND RECREATION	1 9201 9309 TRADOC SSC
ATSFCL008 O OPERATIONAL MODE SUMMARY - MISSION PROFILE DEV	2 9103 9211 TRADOC FAS
ATSQLM003 O PORTABLE ENGINE TEST SET SOA	3 9206 9303 TRADOC AVLG
ATRCLM005 O ARMY PALLETIZED LOAD SYSTEM (PLS) ANALYSIS	9210 9309 TRADOC T/LEE
ATRCFL011 O COMBAT SUPPORT - ARTILLERY ROLE ON BATTLEFIELD	3 9102 9306 TRADOC T/DAC
ATRCLM004 O VIC CSS MODEL DEVELOPMENT	3 9110 9212 TRADOC T/LEE
ATSKCN002 P BATTLEFIELD ELECTRONIC MAINTENANCE IN CORPS AN	2 9210 9304 TRADOC MMCS
ATRCWNO05 P FIELD ARTILLERY AMMUNITION PROCESSING SYSTEM C	3 9210 9309 TRADOC T/WSMR
ATSQLN002 P GENERIC AIRCRAFT NITROGEN GENERATOR (GANG) SOA	2 9301 9309 TRADOC AVLG
ATSKCN001 P INTELLIGENT AMMUNITION DISTRIBUTION SYSTEM MOD	3 9210 9307 TRADOC MMCS
ATSQLN001 P PREDICTIVE AIRCRAFT MAINTENANCE (PAMS) COEA	2 9210 9309 TRADOC AVLG
DASGZF001 O AMBULATORY CLASSIFICATION EVALUATION STUDY (FO	1 8809 9209 TSG HCSCIA

FY93 ARMY STUDY PROGRAM  
SORTED BY FUNCTIONAL AREA

***** FUNCTIONAL AREA: MANAGING *****				
STATUS	IMPACT			
PUIC***** * ABBR TITLE*****	* STRT END* SPONSOR***	PERFORMER*****		
AMCAEK002 O IMPACT OF ARMY MANAGEMENT STRUCTURE (AMS) CODE 1	8911 9005	AMC	MEA	
AMCCEL005 O AMC ASSESSMENT OF CONTRACTOR PERFORMANCE & PRO 2	9111 9211	AMC	BATTELLE	
AMCCGI001 O AIF PEACETIME/MOBILIZATION CAPACITY (J010)	1 9001	9008	AMC	MEA
AMCFAI001 O PLANNING AND SCHEDULING MODULE FOR AMCFAST			AMC	BRTRC
AMSDSK001 O TOTAL QUALITY MANAGEMENT CONSULTING SERVICES	1 9010	9112	AMC	
MIPEMM487 O POST ELIMINATION ENVIRONMENTAL SUPPORT	1 9110	9509	AMC	EBASCO SVCS INC
SMCCR003 O SUPPORT SERVICES FOR THE PM-NBC DEFENSE SYSTEM	2 9106	9206	AMC	NATIONS, INC
AMCQAK001 P WARRANTY IMPLEMENTATION (A074)	1 9007	9101	AMC	MEA
AMCQAK003 P TARGETS AND THREATS SIMULATOR (A075)	1 9109	9203	AMC	MEA
AMCREJ002 P MOBILIZATION PLANNING (A073)	1 9102	9107	AMC	MEA
AMSAVM171 P NEW AIRCRAFT TOOL SYSTEM PROGRAM MANAGEMENT A	2 9210	9309	AMC	
AMSTKN066 P AUTOMATED WEAPON SYSTEM ASSESSMENT MODEL	2 9301	9401	AMC	
SAMRCN002 P Glass Ceiling Study	2 9210	0993	ASA(MRA)	TBD
DALOSK010 O SHELF-LIFE STOCK MANAGEMENT	1 9004	9202	DCSLOG	LOI
DAMOZN004 P ARMY FORCE MODERNIZATION STRATEGY	1 9210	9310	DCSOPS	
NGARMN001 P PROJ OF ARNG MIL TECH/AGR MPR REQ/FUNCT & SKIL	1 9302	9502	NGB	Stnd Tech Inc
CSCAMN053 O Evaluation of the MDEP Architecture	1 9110	9207	OCSA-PAE	CAA
ARTMAL001 O ARMAMENT ENHANCEMENT INITIATIVES RISK ASSESSME	2 9010	9509	PEO ARMTS	HILTON, INC
ARHIPL002 O DEVELOP TQM APPROACH TO ORG MGT OF PALADIN PRO	2 9104	9512	PEO ARMTS	PRC INC.
ARMCDM001 P SUPPORT OF RISK ANALYSIS	2 9207	9509	PEO ARMTS	CAMBER CORP
ARMCDM002 P SUPPORT OF RISK ANALYSIS	2 9207	9509	PEO ARMTS	TRESP ASSOC
ATSCDL005 O THEOLOGICAL CORE OF THE CHAPLAINCY	9107	9212	TRADOC	CHAP
ATZLLN001 P COUNTER-DRUG SUPPORT: COST-BENEFIT ANALYSIS	1 9211	9308	TRADOC	CAC/CD
ATZHGN001 P VALIDATION & UPDATE OF COMMUNICATIONS DATABASE	2 9210	9312	TRADOC	SIGS
DASGZK004 O DELPHI STUDY OF ANC RESEARCH PRIORITIES	1 9001	9009	TSG	HCSCIA
DASGMN004 O USING CIVILIAN AND CONTRACT DENTAL MANPOWER: A	2 9010	9212	TSG	HCSCIA
DASGMN005 O WORKLOAD MANAGEMENT SYSTEM FOR NURSING REVISIO	1 9110	9609	TSG	HCSCIA
DASGMN006 O LABOR AND DELIVERY ACUITY-BASED NURSE STAFFING	1		TSG	HCSCIA
DASGMN007 O POST ANESTHESIA CARE UNIT ACUITY-BASED NURSE S	1		TSG	HCSCIA

**THIS PAGE INTENTIONALLY LEFT BLANK**

## **CHAPTER 6**

### **LISTING OF FY93 STUDIES**

#### **BY CRITICAL ISSUE**

This chapter presents a listing of all studies contained in the FY93 Army Study Program organized by the Critical Issue which they address. Critical Issues were developed through the Issue Assessment Process and are described in Chapter 3 of this report.

A description of the headers and symbols used in the listing can be found on the last page and the inside of the back cover of this document. A glossary of terms is located in Appendix A.

FY93 ARMY STUDY PROGRAM  
SORTED BY CRITICAL ISSUE

\*\*\*\*\* CRITICAL ISSUE: RECONSTITUTION\*\*\*\*\*

STATUS PUIC***** * ABBR TITLE*****	IMPACT * STRT END* SPONSOR*** PERFORMER*****
DALOAM001 O FACILITATING USE OF ARMY EDA	2 9204 9208 DCSLOG LMI
NGARMN010 P STARC/JSAC FULL-TIME MPWR REQ TO SUPT CONT FOR	1 9305 9506 NGB Strnd Tech Inc
DACSDN002 P RECONSTITUTION	3 9301 9306 OCSA-PAE ADA
ATSAAM001 O ADA RESERVE COMPONENT TEA	3 9203 9406 TRADOC AVNC
ATZQDN001 P AH-64 INTEGRATED CREW SUSTAINMENT TRAINING, TD	2 9211 9306 TRADOC
ATSBTL002 O ARMOR TRAINING STRATEGY STUDY	3 8906 9306 TRADOC
ATZQTM005 O AVIATION C3 TRAINING DEVELOPMENT STUDY	2 9301 9401 TRADOC
ATSFCL011 O FIELD ARTILLERY ATTACK OPERATIONS REQUIREMENTS	2 9107 9306 TRADOC
ATSBTM004 P ARMORED GUNNERY TABLES STUDY	1 9202 9309 TRADOC
ATZNCM001 O INTEGRATION OF TRAINING IN AN NBC ENVIRONMENT	2 9210 9309 TRADOC
ATRCWN011 P INTEGRATION OF JANUS INTO DIS	3 9304 9512 TRADOC
ATRCFN001 P ANALYTIC SUPPORT TO LA MANEUVERS TASK FORCE	1 9206 9309 TRADOC
ATSBTN001 P ARMOR INDIVIDUAL/COLLECTIVE TASK RETENTION STU	3 9210 9710 TRADOC
ATRCWN013 P UNIV OF ND DAKOTA ROTARY WING AVIATOR TRAINING	2 9210 9709 TRADOC
	T/WSMR
	T/OAC
	ARMC
	T/WSMR

\*\*\*\*\* CRITICAL ISSUE: QUALITY FORCES\*\*\*\*\*

STATUS PUIC***** * ABBR TITLE*****	IMPACT * STRT END* SPONSOR*** PERFORMER*****
SAMRCN002 P Glass Ceiling Study	2 9210 0993 ASA(MRA) TBD
CSCAMN005 O ARDENNES Campaign Simulation	3 8910 9205 CAA CAA
CSCAMN029 O Reserve Component Tng Installation Facility Ye	1 9205 9309 DCSOPS CAA
CSCAMN045 P Math Program Incentives	1 DCSPER CAA
FKRMM001 O MANAGEMENT REVIEW OF EUSA MNR ORGANIZATION AND	1 9205 9303 EUSA EUSA
FKRMM002 O EUSA BASOPS REORGANIZATION	1 9206 9303 EUSA
NGARMN001 P PROJ OF ARNG MIL TECH/AGR MPR REQ/FUNCT & SKIL	1 9302 9502 NGB Strnd Tech Inc
ARHIPL002 O DEVELOP TQM APPROACH TO ORG MGT OF PALADIN PRO	2 9104 9512 PEO ARMTS PRC INC.
ATSBCN001 O 50 TON FUTURE MAIN BATTLE TANK	2 9205 9404 TRADOC
ATSMCM001 O BATTLEFIELD SPARES SYSTEM (BSS) COST & SAVINGS	3 9204 9304 TRADOC QMC&S
ATSECM004 O COUNTERMOBILITY REMOTE CONTROL SYSTEM (CIRCE)	2 9303 9403 TRADOC ENGS
ATSMCK014 O MODULAR SPACE HEATER COEA	2 9206 9212 TRADOC QMC&S
ATSMCJ001 O MODULAR SPACE HEATER SOA	2 9206 9211 TRADOC QMC&S
ATSGDM006 O MORALE, WELFARE AND RECREATION	1 9201 9309 TRADOC SSC
ATSLDN001 P 44E MACHINIST VOTEC FEASIBILITY STUDY	3 9210 9312 TRADOC ORDS
DASGL O ISSUES RELATING TO ACCESSION, TRAINING & UTILI	2 9202 9302 TSG HCSCIA
DASGZL O PREVALENCE OF PEACETIME DENTAL EMERGENCIES AMO	2 9201 9301 TSG HCSCIA
ESSC M002 P ORGANIZATIONAL EVALUATION OF CORPS READINESS M	1 9208 9311 USACE CETEC-ES
ESSC M001 O ARMY HOUSING STUDY: A STRATEGIC PLAN FOR THE	9 1 9205 9311 USACE CETEC-ES

FY93 ARMY STUDY PROGRAM  
SORTED BY CRITICAL ISSUE

\*\*\*\*\* CRITICAL ISSUE: FORCE MIX\*\*\*\*\*

STATUS PUIC***** * ABBR TITLE*****	IMPACT * STRT END* SPONSOR*** PERFORMER*****
SAMRCN005 P Civilian Sector Support on the Battlefield	2 9210 0993 ASA(MRA) TBD
CSCAMN003 O Component Requirements & Authorization Determi	3 9109 9208 ASA(MRA) CAA
CSCAMN004 O Contingency Packages Study	2 9207 9212 ASA(MRA) CAA
DAMOSN003 P FORCE STRUCTURE CAPABILITY ANALYSIS	1 9210 9308 DCSOPS
DAMOZN004 P ARMY FORCE MODERNIZATION STRATEGY	1 9210 9310 DCSOPS
CSCAMN011 P Chemical Unit Requirements Study, Phase II	1 9304 DCSOPS CAA
CSCAMN013 O Army Force Planning Data & Assumption - FY 95/	2 9010 9207 DCSOPS CAA
CSCAMN016 O GLOFAM Methodology Improvement	2 9106 9207 DCSOPS CAA
CSCAMN017 O Expanded Force Employment Study	3 9106 9210 DCSOPS CAA
CSCAMN021 O Support Requirements Analysis 2001	1 9112 9304 DCSOPS CAA
CSCAMN022 O Army Strategic Force Architecture - 92	2 9201 9208 DCSOPS CAA
CSCAMN024 O Active/Reserve Mix Study	2 9201 9301 DCSOPS CAA
CSCAMN025 O Chemical Deterrence	1 9203 9207 DCSOPS CAA
CSCAMN028 O Nuclear Weapons Political Issues Political-Mil	1 9203 9207 DCSOPS CAA
CSCAMN033 P Army Global Strategic Force Planning Game 93	3 9210 9212 DCSOPS CAA
CSCAMN034 P Army Force Planning Data and Assumption - FY97	2 9210 9407 DCSOPS CAA
CSCAMN035 P Nuclear Impacts Analysis - Two Theaters	1 9305 9308 DCSOPS CAA
CSCAMN036 P Nuclear Impacts Analysis - Europe	1 9301 9304 DCSOPS CAA
CSCAMN037 P Nuclear Impacts Analysis - Northeast Asia	1 9209 9212 DCSOPS CAA
CSCAMN038 P Biological Warfare Defense Capabilities	2 9305 9310 DCSOPS CAA
CSCAMN039 P Biological Weapons Proliferation-The Emerging	3 9301 9304 DCSOPS CAA
CSCAMN040 P Army Strategic Force Architecture Study - 93	2 9211 9306 DCSOPS CAA
CSCAMN041 P Active Reserve Mix Study (ARM-93)	2 9301 9306 DCSOPS CAA
CSCAMN042 P Global Force Allocation Model Methodology Impr	2 9210 9305 DCSOPS CAA
DAMOMN001 P REGIONAL DETERRENCE OF NBC WEAPONS	1 9210 9309 DUSA(OR) CAA
CSCAMN049 O N. Korean Obstacles, Fortifications, & Main Su	1 9111 9301 EUSA CAA
CSCAMN050 O Tactical Combat Samples and Linkage to TACHWAR	3 9111 9207 EUSA CAA
ATZLCL008 O ASSESSMENT OF THE AH-64 BN AUGMENTATION CO (US	1 9106 9306 TRADOC CAC/CD
ATSKCN002 P BATTLEFIELD ELECTRONIC MAINTENANCE IN CORPS AN	2 9210 9304 TRADOC MMCS
ATRCW024 P ENGAGEMENT SKILL TRAINER CTEA	9208 9304 TRADOC T/WSMR
ATSGDM004 O INCREMENTAL PERSONNEL COMMAND (PERSCOM)	1 9203 9303 TRADOC SSC
ATSFOM002 O JOINT LONG RANGE MISSILE SYSTEM STUDY	1 9201 9309 TRADOC FAS
ATZLSJ001 O LOW-INTENSITY CONFLICT CAPABILITIES REQUIREMEN	1 8906 9304 TRADOC CAC/CD
DASGZG003 O EVALUATION OF COMBAT STRESS TRAINING	2 8512 9409 TSG HCSCIA/AHS
DASGZI010 O VALIDATION OF COHESION MEASURES FOR THE TOTAL	2 8508 9409 TSG HCSCIA
DRDUM2 O DENTAL NEEDS OF ACTIVE DUTY PERSONNEL	2 8511 9309 TSG HCSCIA

FY93 ARMY STUDY PROGRAM  
SORTED BY CRITICAL ISSUE

\*\*\*\*\* CRITICAL ISSUE: STRATEGIC MOBILITY/DEPLOYABILITY\*\*\*\*\*

PUIC***** * ABBR TITLE*****	STATUS	IMPACT	STRT END* SPONSOR*** PERFORMER*****
CSCAMN074 P TIGER EYE WARGAME		3 9309	ARCENT CAA
CSCAMN002 P MARTI 93 Cuban Political Military Game		3 9212	ARLANT CAA
CSCAMN006 O Next Generation Wargame		3 9110 9209	CAA Summit Research
DAMIPN001 P RECRUITMENT SOURCES FOR LANGUAGE SPECIALISTS		2 9310 9309	DCSI HQMTMC
DALOTN001 P ARMY STRATEGIC MOBILITY PROGRAM DEPLOYMENT INF		2 9301 9307	DCSLOG CONTRACTOR
DALOSN003 P WAR RESERVE STOCKAGE PLANNING		1 9301 9307	DCSLOG CAA
DALOPL005 P Log Implications of CFE		2 9209 9304	DCSLOG CAA
CSCAMN009 O Joint Chemical Defense Equipment Consumption R		1 9110 9303	DCSLOG CAA
CSCAMN012 P Support Force Rqmts Analysis - 2001 Deployment		1 9207 9210	DCSOPS CAA
CSCADN003 O Mobilization Capabilities Evaluation Model		2 9205 9306	DCSOPS CAA/AMCI
CSCAMN032 P CHAGRES Political/Military Game		3 9304 9306	DCSOPS CAA
CSCAMN043 O Army Initiatives - Deployment Analysis		3 9206 9210	DCSOPS CAA
CSCAMN047 P CHONGSHIN WARGAME		3 9303	EUSA CAA
CSCAMN048 P CHEONGSAN Northeast Pacific Political Military		3 9306	EUSA CAA
CSCAMN051 P Korean Reduction Study Pol/Mil Game		3 9210 9212	EUSA CAA
CSCAMN052 P Second Low Intensity Conflict Analysis Worksho		3 9210 9212	EUSA CAA
ATSHEN001 P 120MM MORTAR POST FIELDING TRAINING/SAFETY ANA		2 9210 9312	TRADOC INFS
ATZQCM002 O AIRLIFT CARGO REQUIREMENTS STUDY		2 9206 9312	TRADOC AVNC
ATRCRM009 O AFAS-C/FARV-A COEA		2 9203 9408	TRADOC T/SAC
ATSFON011 P ADVANCED TARGET ACQUISITION COUNTERFIRE SYSTEM		2 9307 9309	TRADOC FAS
ATRCWJ016 O GE/US COMBINED AIR DEFENSE STUDY		1 8806 9310	TRADOC T/WSMR
ATSETM004 O PRECISE GEODETIC POSITIONING RQMTS FOR CORPS/		3 9110 9309	TRADOC ENGS
ATSB_____ P TANK FLEET MIX - GRAY THREAT ANALYSIS		3 9310 9401	TRADOC ARMC
ATSFOM004 P MLRS ROCKETS IN CONTINGENCY OPERATIONS		2 9207 9309	TRADOC FAS
ATSQLM007 O MOBILITY CONCEPT FOR AVIATION MAINT ORG - 2000		3 9207 9312	TRADOC AVLG
ATFCN001 P OPERATIONAL ASSESSMENT OF PALADIN		2 9210 9307	TRADOC FAS
ATSHOM006 P THE ENHANCED INTEGRATED SOLDIER SYSTEM (TEISS)		9206 9406	TRADOC INFS
ATSBON003 P XM943 STAFF COEA		2 9210 9304	TRADOC ARMC
CSCAMN055 P HAMMER WARGAME		3 9303	USAREUR CAA
CSCAMN056 P ANVIL WARRGAME		3 9306	USAREUR CAA
CSCAMN058 P BLACKJACK European Political Military Game		3 9212	USAREUR CAA
CSCAMN059 P KINGFISH EUROPEAN POLITICAL MILITARY GAME		3 9307 9309	USAREUR CAA
CSCAMN060 P EUROPE 2000		3 9304 9306	USAREUR CAA
CSCAMN061 P EUROPE 93 Pol/Mil Game on the Security Calculu		3 9210 9212	USAREUR CAA
CSCAMN062 P Strategic Wargame Requirements Analysis		3 9301 9306	USAREUR CAA
CSCAMN063 P SAPPHORO WARGAME		3 9303	USARJ CAA
CSCAMN065 P GANGES Pacific/India Pol/Mil Game		3 9307 9309	USARPAC CAA
CSCAMN066 P SHALIMAR India/Pakistan Political Military Gam		3 9307 9309	USARPAC CAA
CSCAMN068 O Counterdrug Analysis System		1 9203 9212	USARSO CAA
CSCAMN069 O Counterdrug Model		1 9205 9212	USARSO CAA
CSCAMN071 P CHAGRES Wargame		3 9304 9306	USARSO CAA
CSCAMN072 P GATUN 93 Wargame on the Defense of the Canal Z		3 9301 9304	USARSO CAA
CSCAMN075 P Deep Shadow Wargame		3 9306	USARSOCOM CAA
CSCAMN073 P Joint Korean Arms Control Study		3 9306	USFK CAA

FY93 ARMY STUDY PROGRAM  
SORTED BY CRITICAL ISSUE

\*\*\*\*\* CRITICAL ISSUE: MODERNIZATION\*\*\*\*\*

STATUS	IMPACT
PUIC***** * ABBR TITLE*****	* STRT END* SPONSOR*** PERFORMER*****
SARD-M001 P ELECTROMAGNETIC ENVIRONMENTAL EFFECTS (E3) CRI 1 9210 9309 ASA(RDA)	TBD
CSCAMN007 O Economic Analysis Of HQDA Automation Programs 2 9204 9302 CAA	CAA
DALOAN001 P SECURITY ASSISTANCE SALES OF DOWNSIZING STOCK 1 9301 9307 DCSLOG	LMI
DAMOHHM013 O BIOLOGICAL WARFARE (BW) HAZARD STUDY 1 9201 93 DCSOPS	USNSEC, DAHLGRE
DAMOZN001 P ARMY ROLES AND MISSIONS 1 9210 9308 DCSOPS	
CSCAMN015 O Wartime Requirements, FY 99 2 9105 9207 DCSOPS	CAA
CSCAMN023 O Army Operational Requirements for Nuclear Fire 1 9202 9209 DCSOPS	CAA
CSCAMN026 O Biological Assessment and Modelling Study 2 9203 9208 DCSOPS	CAA
CSCAMN031 P The Data Interpretation System (DIS), hosted b 2 9310 9409 DCSOPS	CAA/Contractor
ARTMAL001 O ARMAMENT ENHANCEMENT INITIATIVES RISK ASSESSME 2 9010 9509 PEO ARMTS	HILTON, INC
ARSADL002 O MODELING STUDY TO DEMONSTRATE ROC ACHIEVEMENT 2 9007 9309 PEO ARMTS	IITRI
ARMCDM001 P SUPPORT OF RISK ANALYSIS 2 9207 9509 PEO ARMTS	CAMBER CORP
ARMCDM002 P SUPPORT OF RISK ANALYSIS 2 9207 9509 PEO ARMTS	TRESP ASSOC
ARSADM003 O SUPPORT OF RISK ANALYSIS, TECHNICAL EVALUATION 2 9206 9303 PEO ARMTS	NOMURA
ARSADM004 P SUPPORT OF RISK ANALYSIS, TECHNICAL EVALUATION 2 9206 9303 PEO ARMTS	CONTRACTOR
ATSFN007 P 105MM DPICM COEA 2 9307 9409 TRADOC	FAS
ATSQLM001 O ARMY AVIATION DEHUMIDIFICATION SYSTEM (AADS) C 3 9208 9304 TRADOC	AVLG
ATZQTM002 P AIRLIFT CARGO TIA 2 9211 9312 TRADOC	AVNC
ATZQCL012 O ATTACK/RECONNAISSANCE AIRCRAFT ARMAMENT REQUIR 3 9011 9212 TRADOC	AVNC
ATZKTN001 P ARMOR 1996-2010 3 9210 9403 TRADOC	ARMC
ATRCSL010 P ALL SOURCE ANALYSIS SYSTEM BLOCK II COEA 2 9206 9302 TRADOC	T/OAC
ATZQCL013 O AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) REQUIRE 1 9104 9302 TRADOC	AVNC
ATSMCK007 P ALL-TERRAIN LIFTER ARTICULATED SYSTEM SOA 2 9304 9404 TRADOC	QMC&S
ATSLCH002 O AUTOMATED MAINTENANCE MANAGEMENT SYSTEM COEA 2 9007 9212 TRADOC	ORDS
ATSLCK001 O AUTOMATED MAINTENANCE MANAGEMENT SYSTEM SOA 2 9007 9212 TRADOC	ORDS
ATRCFN005 P ANALYTIC SUPPORT TO BATTLEFIELD DYNAMICS WORKI 1 9210 9409 TRADOC	T/OAC
ATZLCL004 O ANALYTIC SUPPORT FOR CBRS CYCLE 96-10 1 9106 9309 TRADOC	T/OAC
ATSMCM005 O BALLISTIC PROTECTIVE SYSTEM COEA 9203 9309 TRADOC	QMC&S
ATSECM013 O BREACHER COEA 1 9201 9409 TRADOC	ENGS
ATSMCM002 O BATTLEFIELD SPARES SYSTEM TEST & EVAL FRONT EN 1 9209 9304 TRADOC	QMC&S
ATSMCM003 O BATTLEFIELD SPARES SYSTEM TEA 1 9207 9412 TRADOC	QMC&S
ATSHCK004 P TACTICAL UNMANNED GROUND VEHICLE (CALEB) JOINT 2 9206 9309 TRADOC	T/WSMR
ATRCHM012 O CANE FDTE MODELING AND ANALYSIS SUPPORT 1 9111 9407 TRADOC	T/WSMR
ATSLDN003 P COMBAT VEHICLE RECOVERY TRAINING SIMULATOR STU 2 9301 9312 TRADOC	ORDS
ATZNCJ003 O CHEMICAL MODEL IMPROVEMENT PROGRAM 2 8810 9309 TRADOC	CMLS
ATSETM002 O DIGITAL TOPOGRAPHIC DATA BASES FOR CONTINGENCY 1 9210 9409 TRADOC	ENGS
ATSLCL011 O ELECTRICAL COMPONENT TEST STAND COEA 2 9108 9303 TRADOC	ORDS
ATRCHL010 P FORCE LEVEL CONTROL SYSTEM (FLCS) TIA 1 9207 9312 TRADOC	T/WSMR
ATSLCL005 O FUTURE MAINTENANCE SYSTEMS REQUIREMENTS & TECH 1 9012 9212 TRADOC	ORDS
ATSBCL003 P FUTURE SCOUT VEHICLE SOA 2 9212 9305 TRADOC	ARMC
ATSQLN002 P GENERIC AIRCRAFT NITROGEN GENERATOR (GANG) SOA 2 9301 9309 TRADOC	AVLG
ATRCWK056 P GENERATOR REQUIREMENTS AND TECHNOLOGY BASE STU 2 9209 9312 TRADOC	ORDS
ATSECM008 O HEAVY DRY SUPPORT BRIDGE (HDSB) COEA 2 9210 9312 TRADOC	ENGS
ATRCBN001 P IMPROVED CASUALTY RESOLUTION 1 9210 9308 TRADOC	T/FBHN
ATSECK004 O IMPROVEMENT TO COMBAT MANEUVER IN MODELS STUDY 2 9010 9404 TRADOC	ENGS
ATSHCM004 O LASER COUNTERMEASURE (LCMS) SYSTEM PHASE 2 COE 2 9201 9309 TRADOC	T/WSMR
ATSMCN011 P LIGHTWEIGHT COLLAPSIBLE PILLOW TANK (PETROLEUM 2 9210 9302 TRADOC	QMC&S
ATSMCN012 P LIGHTWEIGHT COLLAPSIBLE PILLOW TANK (PETROLEUM 2 9210 9302 TRADOC	QMC&S
ATSFN008 O FA PRECISION INTERDICTION STUDY 1 9112 9309 TRADOC	FAS
ATRCWK005 O LINE-OF-SIGHT ANTITANK & INF ANTIARMOR (LOSAT/ 2 8906 9210 TRADOC	T/WSMR
ATSMCN007 P LIGHTWEIGHT WATER PURIFICATION SYSTEM COEA 2 9210 9309 TRADOC	QMC&S

ATSMCN008 P LIGHTWEIGHT WATER PURIFICATION SYSTEM MPTA	2 9210 9302 TRADOC	QMC&S
ATSBTM002 O M1A2 TANK CTEA	2 9110 9310 TRADOC	ARMC
ATSFN009 P MLRS FAMILY OF MUNITIONS ANALYSIS	2 9210 9401 TRADOC	FAS
ATZHCL004 P MULTIBAND RADIO SOA	2 9210 9312 TRADOC	SIGS
ATRCWM013 O NON-LINE-OF-SIGHT (NLDS) COMBINED ARMS (CA) CO	1 9201 9306 TRADOC	T/WSMR
ATRCWM014 O NON-LINE-OF-SIGHT (NLDS) COMBINED ARMS (CA) CT	2 9201 9306 TRADOC	T/WSMR
ATSHCM005 O OBJECTIVE CREW SERVED WEAPON SOA	2 9210 9410 TRADOC	INFS
ATSHCM003 O OBJECTIVE INDIVIDUAL COMBAT WEAPON COEA	2 9206 9406 TRADOC	INFS
ATSFCL008 O OPERATIONAL MODE SUMMARY - MISSION PROFILE DEV	2 9103 9211 TRADOC	FAS
ATSQLN001 P PREDICTIVE AIRCRAFT MAINTENANCE (PAMS) COEA	2 9210 9309 TRADOC	AVLG
ATSMCN005 P PACKAGED WATER SYSTEM COEA	2 9210 9302 TRADOC	QMC&S
ATSMCN006 P PACKAGED WATER SYSTEM MPTA	2 9210 9302 TRADOC	QMC&S
ATRCWM011 O RSTA COEA	1 9110 9210 TRADOC	T/WSMR
ATRCWJ030 P RECOVERY VEHICLE REQUIREMENTS AND TECHNOLOGY B	1 9106 9309 TRADOC	ORDS
ATSFN004 P P3I SADARM ANALYSIS	2 9212 9306 TRADOC	FAS
ATRCSM006 O SADARM COEA UPDATE	2 9204 9301 TRADOC	T/SAC
ATSLCL013 O SHOP EQUIPMENT CONTACT MAINT HMMWV HVY VARIANT	2 9012 9211 TRADOC	ORDS
ATZHCN002 P SINCGARS FOLLOW-ON ENHANCEMENTS COEA	2 9210 9309 TRADOC	SIGS
ATSQLN004 P VEHICLE-MOUNTED MAINTENANCE SUPPORT (VMMSS) SO	2 9307 9403 TRADOC	AVLG
ATSMCN009 P CHEMICAL AGENT WATER DETECTION KIT COEA	2 9210 9309 TRADOC	QMC&S
ATSMCN010 P CHEMICAL AGENT WATER DETECTION KIT MPTA	2 9210 9302 TRADOC	QMC&S
DASGZF001 O AMBULATORY CLASSIFICATION EVALUATION STUDY (FO	1 8809 9209 TSG	HCSCIA
DASGZK004 O DELPHI STUDY OF ANC RESEARCH PRIORITIES	1 9001 9009 TSG	HCSCIA
DASGZK005 O OCCUPATIONAL REHABILITATION DEVELOPMENT STUDY	1 8907 9306 TSG	HCSCIA
DASGMN006 O LABOR AND DELIVERY ACUITY-BASED NURSE STAFFING	1 TSG	HCSCIA
DASGMN007 O POST ANESTHESIA CARE UNIT ACUITY-BASED NURSE S	1 TSG	HCSCIA

\*\*\*\*\* CRITICAL ISSUE: ENVIRONMENT\*\*\*\*\*

STATUS	IMPACT	
*PJIC**** * ABBR TITLE*****	* STRT END* SPONSOR***	PERFORMER*****
CSCAMN008 O Renewables and Energy Efficiency Planning	1 9201 9212 COE	CAA
DAMOTN006 P Effects of Army Training on the Management of	1 9210 9307 DCSOPS	
NGARMN002 P ENVIRONMENTAL EFFECT ON TRNG, MOB & DEPLOYMENT	1 9302 9502 NGB	Stnd Tech Inc

**CHAPTER 7**

**ALPHABETIC LISTING OF FY93 STUDIES**

**BY STUDY SPONSOR**

This chapter provides an alphabetical listing, by study sponsor, of all studies contained in the FY93 Army Study Program. The listing provides the study title, identification code, DTIC number, contract number, study sponsor, performer, and a brief narrative of the scope of the study.

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

--SPONSOR: AMC

**PROJECT TITLE: ACCELERATED DEFENSE ENGINEERING PROCESS TECHNOLOGY**

PUIC: AMXIBL014  
DTIC NUMBER:  
CONTRACT NUMBER: DAAA0890D0004  
SPONSOR: AMC  
PERFORMER: NET  
PLANNING PROJECT DEVELOPMENT AND COMMUNICATION ACTIVITIES IN SUPPORT OF ACCELERATED DEFENSE ENGINEERING PROCESS TECHNOLOGY PROGRAM OFFICE. CONTRACTOR WILL PROVIDE THE APPROPRIATE EXPERTISE AND RESOURCES NEEDED TO SUPPORT ASSIGNED ACTIVITIES OF THE ADEPT PROGRAM OFFICE.

PROJECT TITLE: AIR PEACETIME/MOBILIZATION CAPACITY (J010)

PUIC: AMCGGI001 TO IDENTIFY AIF OVERHEAD COSTS WHICH CAN BE ATTRIBUTED TO EXCESS  
DTIC NUMBER: DEPOT CAPACITY FOR SUPPORTING MOBILIZATION.  
CONTRACT NUMBER:  
SPONSOR: AMC  
PERFORMER: MEA

**PROJECT TITLE: AMC ASSESSMENT OF CONTRACTOR PERFORMANCE & PRODUCTIVITY IN ACO**

PUIC: AMCCEL005 INVESTIGATE EFFECTIVENESS OF RELATED TEST, DESIGN, PRODUCTION,  
DTIC NUMBER: QUALITY, AND COST CONTROL ACTIVITIES TO ACHIEVE ARMY GOALS AND  
CONTRACT NUMBER: DAAL0391C0034 ENHANCE COMPETITIVENESS.  
SPONSOR: AMC  
PERFORMER: BATTELLE

**PROJECT TITLE: AUTOMATED WEAPON SYSTEM ASSESSMENT MODEL**

PUIC: AMSTKN066      DEVELOP AN AUTOMATED ASSESSMENT MODEL THAT ALLOWS GENERAL OFFICER  
DTIC NUMBER:               REVIEW OF WEAPON SYSTEM STATUS IN A NEAR REALTIME ENVIRONMENT.  
CONTRACT NUMBER:  
SPONSOR: AMC  
PERFORMER:

**PROJECT TITLE: AVIONICS UPGRADE MANAGEMENT SUPPORT**

PUIC: AMCPMN002 MANAGEMENT SUPPORT FOR DEVELOPMENT AND ACQUISITION OF A TOTAL  
DTIC NUMBER: AVIONICS UPGRADE FOR THE ARMY'S C-12 AIRCRAFT FLEET.  
CONTRACT NUMBER:  
SPONSOR: AMC  
PERFORMER:

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

--SPONSOR: AMC

**PROJECT TITLE: BOARD OF ARMY SCIENCE AND TECHNOLOGY**

PUIC: SLCROE002 CONTRACT STUDIES DIRECTED BY OUSA AND ASARDA.  
DTIC NUMBER:  
CONTRACT NUMBER: DAAL0391C0053  
SPONSOR: AMC  
PERFORMER: NAT ACAD OF SCI

**PROJECT TITLE: BRADLEY & M113 FAMILY OF VEHICLES PRODUCTION RATE/CLOSURE ANALYSIS**

**PUIC:** AMSTIM042      **EXAMINE ALTERNATIVE STRATEGIES, COST ESTIMATES A TIME PHASED PLAN**  
**DTIC NUMBER:**              **FOR DOWNSIZING A CLOSURE OF BRADLEY, M113 FOV & MLRS PRODUCTION, TO**  
**CONTRACT NUMBER:** DAAE0790CA011      **INCLUDE CRITICAL VENDORS. ANALYZE TRICKLE PRODUCTION RATES;**  
                                **ESTIMATE A PLAN TO SUPPORT SPARES PRODUCTION. ESTIMATE STRATEGY,**  
**SPONSOR:** AMC              **COST ESTIMATE, TIME-PHASE PLAN FOR BRADLEY/M113 FOV PROD FACILITIES**  
**PERFORMER:** FMC CORP

**PROJECT TITLE: CHEMICAL MAINTENANCE AND DOCUMENTATION SUPPORT CONTRACT**

PUIC: AMSMCL001  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: AMC  
PERFORMER: SUMMIT TECHNOL  
PROVIDE SUPPORT TO THE CHEMICAL MAINTENANCE DIVISION FOR FUTURE  
AND ONGOING CHEMICAL PROGRAMS. THIS IS A TASK ORDER CONTRACT  
WITH THE DOLLARS SPECIFYING THE MAXIMUM AMOUNT THAT CAN BE  
AWARDED IN EACH FISCAL YEAR.

**PROJECT TITLE: COMPUTER SECURITY CERTIFICATION AND ACCREDITATION**

PUIC: ASELPJ002 DEVELOP PROCEDURES TO OBTAIN ACCREDITATION OF A SECURE TACTICAL  
DTIC NUMBER: DA318398 COMPUTER SYSTEM BASED ON USING THE ARMY SECURE OPERATING SYSTEM.  
CONTRACT NUMBER: DAAB0790DA029  
SPONSOR: AMC  
PERFORMER: SOFTWARE SYS EN

**PROJECT TITLE: CONTRACTOR CERTIFICATION**

**PUIC:** AMCEL00      **TO VALIDATE ASSESSMENT METHODOLOGIES FOR CONTRACTOR CERTIFICATION & ESTABLISH A TRAINING PROGRAM AT ARMY MANAGEMENT ENGINEERING COLLEGE.**  
**DTIC NUMBER:**  
**CONTRACT NUMBER:** DAAA0991C0486      **THIS FORMS THE FRAMEWORK FOR FUTURE ACQUISITION PROCESSES WITH THE INDUSTRIAL BASE.**  
**SPONSOR:** AMC  
**PERFORMER:** NORCOM

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: AMC-----

PROJECT TITLE: COST ANALYSIS SUPPORT SERVICES

PUIC: ASELPJ001                    PREPARE/UPDATE COST DOCUMENTS, DEVELOPMENT/EXPANSION OF COST DATA  
DTIC NUMBER: DA314573            BASES, DEVELOPMENT OF COST ESTIMATING RELATIONSHIPS, COST ANALYSIS  
CONTRACT NUMBER: DAAB0790DB8801    STUDIES AND COST MODELING.  
SPONSOR: AMC  
PERFORMER: SYTEX INC

PROJECT TITLE: COST ANALYSIS SUPPORT SERVICES

PUIC: ASELPJ001                    PREPARE/UPDATE COST DOCUMENTS, DEVELOPMENT/EXPANSION OF COST DATA  
DTIC NUMBER: DA314573            BASES, DEVELOPMENT OF COST ESTIMATING RELATIONSHIPS, COST ANALYSIS  
CONTRACT NUMBER: DAAB0790DB8801    STUDIES AND COST MODELING.  
SPONSOR: AMC  
PERFORMER: SYTEX INC

PROJECT TITLE: COST ANALYSIS SUPPORT SERVICES

PUIC: ASELPJ001                    PREPARE/UPDATE COST DOCUMENTS, DEVELOP EXPANSION OF COST DATA BASES,  
DTIC NUMBER: DA314573            DEVELOP COST ESTIMATING RELATIONSHIPS, COST ANALYSIS STUDIES AND  
CONTRACT NUMBER: DAAB0790DB8801    COST MODELING.  
SPONSOR: AMC  
PERFORMER: SYTEX, INC

PROJECT TITLE: ENVIRONMENTAL DATA BASE MANAGEMENT

PUIC: AMCENM003                    UPGRADE AND EXPAND THE COMMAND'S ENVIRONMENTAL INFORMATION  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: AMC  
PERFORMER:

PROJECT TITLE: GENERAL ILS

PUIC: ASELPG272                    TECHNICAL, MANPRINT AND ILS SERVICES.  
DTIC NUMBER: DA312574  
CONTRACT NUMBER: DAAB0788DL806  
SPONSOR: AMC  
PERFORMER: VENNTRONIX

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: AMC-----

PROJECT TITLE: GENERAL SUPPORT SERVICES FOR ILS DIRECTORATE

PUIC: ASELPG272                    TECHNICAL, MANPRINT, AND ILS SERVICES.  
DTIC NUMBER: DA312574  
CONTRACT NUMBER: DAAAB0788DL806  
SPONSOR: AMC  
PERFORMER: VENNETRONIX

PROJECT TITLE: IEA SUPPORT

PUIC: AMXIBM101                    MANAGEMENT SERVICES IN SUPPORT OF THE U.S. ARMY IEA.  
DTIC NUMBER:  
CONTRACT NUMBER: DAAA0886D0205  
SPONSOR: AMC  
PERFORMER: NEI

PROJECT TITLE: IEA SUPPORT

PUIC: AMXISM102                    MANAGEMENT SERVICES IN SUPPORT OF THE IEA MISSION.  
DTIC NUMBER:  
CONTRACT NUMBER: DAAL0891D0008  
SPONSOR: AMC  
PERFORMER: BDM

PROJECT TITLE: IMPACT OF ARMY MANAGEMENT STRUCTURE (AMS) CODE RESTRUCTURE

PUIC: AMCAEK002                    THIS STUDY WILL EXAMINE AMC-WIDE IMPLEMENTATION OF REVISED AMS CODES  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: AMC  
PERFORMER: MEA  
TO DETERMINE REDUCTION OR INCREASE IN WORKLOAD IN EACH OF THE THREE  
MAJOR APPROPRIATION REPORTING CATEGORIES, & RECOMMEND/DEFINE AREAS  
FOR IMPROVEMENT.

PROJECT TITLE: LCU WARRANTY EFFORT

PUIC: AMSTRL002                    THE PRIME CONTRACTOR WILL GUARANTEE THE VESSEL, SUPPLIES, & PARTS TO  
DTIC NUMBER:  
CONTRACT NUMBER: DAAK0991D0036  
SPONSOR: AMC  
PERFORMER: DATA, INC  
CONFORM TO THE DESIGN/MANUFACTURING RQMTS, BE FREE FROM ALL DEFECTS  
IN MATERIEL/WORKMANSHIP, & PURCHASE DESCRIPTION FOR A MINIMUM OF 12  
MONTHS FROM DATE OF ACCEPTANCE. ALSO REPLACE ANY THAT PROVE TO BE  
NONCONFORMING AND/OR DEFECTIVE WITHIN THE WARRANTY PERIOD.

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-SPONSOR: AMC

PROJECT TITLE: MOBILIZATION PLANNING (A073)

PUIC: AMCREJ002  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: AMC  
PERFORMER: MEA  
ASSESSMENT OF PLANNING PROCESS AS IT RELATES TO EXECUTING THE AMC  
MOBILIZATION REQUIREMENTS GENERATED FROM WAR PLANS. STUDY WILL  
REVIEW HOW LOGISTICS AND PERSONNEL ARE INTEGRATED WITHIN AMC.  
(MOBILIZATION CURRENTLY UNDER REVIEW AND RESTRUCTURE FROM GULF  
WAR EFFORT. POSTPONE TO FY93.)

**PROJECT TITLE: NEW AIRCRAFT TOOL SYSTEM PROGRAM MANAGEMENT AND SUPPORT**

PUIC: AMSAVM171 PROGRAMMATIC AND TECHNICAL SUPPORT OF THE NATS PROGRAM.  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: AMC  
PERFORMER:

PROJECT TITLE: NONDESTRUCTIVE TEST EQUIPMENT IPR AND TYPE CLASSIFICATION

PUIC: AMSAVM169 PROVIDE SYSTEM MANAGEMENT SUPPORT TO DEVELOP/IMPLEMENT ACQUISITION  
DTIC NUMBER: STRATEGIES FOR THE NDTE PROGRAM.  
CONTRACT NUMBER:  
SPONSOR: AMC  
PERFORMER: TBD

**PROJECT TITLE: NONDESTRUCTIVE TEST EQUIPMENT TEMP & TYPE INTEGRATION WORKING GROUP**

PUIC: AMSAVM170 PROVIDE TEST AND EVALUATION MASTER PLAN (TEMP) AND TIWG CHARTER  
DTIC NUMBER: FOR THE NDTE PROGRAM.  
CONTRACT NUMBER:  
SPONSOR: AMC  
PERFORMER:

**PROJECT TITLE: OMNIBUS ILS/MANPRINT SUPPORT**

PUIC: ASELP1304  
DTIC NUMBER: DA314309  
CONTRACT NUMBER: DAAB0788DL806  
SPONSOR: AMC  
PERFORMER: VENNTRONIX  
PROVIDE GENERAL ILS AND MANPRINT MANAGEMENT SUPPORT SERVICES FOR ALL  
CECOM WEAPON SYSTEMS.

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: AMC-----

PROJECT TITLE: OPERATING & SUPPORT COST REDUCTION SCHEDULES & CONCEPT

PUIC: AMCDL002                    DEVELOP CONCEPT, STRATEGY, AND IMPLEMENTATION PLAN TO REDUCE  
DTIC NUMBER:                      OPERATING AND SUPPORT COSTS THROUGHOUT THE LIFECYCLE OF EACH SYSTEM,  
CONTRACT NUMBER: DAAL0290C0071    AND TO DESIGN NEW SYSTEMS WITH LOWER OPERATING AND SUPPORT COSTS.  
SPONSOR: AMC  
PERFORMER: SAIC

PROJECT TITLE: PALADIN M109A6 HOWITZER SAMPLE DATA COLLECTION PROJECT

PUIC: AMSMCN001                    PROVIDES ESSENTIAL DATA CONCERNING EQUIPMENT PERFORMANCE IN A FIELD  
DTIC NUMBER:                      ENVIRONMENT BY DEVELOPING A RECORD/DATA BASE OF ALL SCHEDULED AND  
CONTRACT NUMBER:                 UNSCHEDULED MAINTENANCE ACTIONS AT THE ORGANIZATIONAL THROUGH  
SPONSOR: AMC                      GENERAL SUPPORT LEVEL OF REPAIRS.  
PERFORMER: DATA, INC

PROJECT TITLE: PLANNING AND SCHEDULING MODULE FOR AMCFAST

PUIC: AMCFAI001                    PROVIDE PROJECT DATA DEVELOPMENT & SUPPORT FOR AMC FAST TECHNOLOGY  
DTIC NUMBER:                      INITIATIVES/PROGRAMS. INCLUDES COLLECTION, ANALYSIS, EVALUATION, AND  
CONTRACT NUMBER: DAAL0290C0076    DOCUMENTATION OF TECHNOLOGY RELATED DATA & INFORMATION NECESSARY TO  
SPONSOR: AMC                      SUPPORT ONGOING FAST MISSION REQUIREMENTS.  
PERFORMER: BRTRC

PROJECT TITLE: POST ELIMINATION ENVIRONMENTAL SUPPORT

PUIC: MIPEMM487                    TO PROVIDE POST ELIMINATION ENVIRONMENTAL SUPPORT: CONDUCT PLANNING  
DTIC NUMBER:                      AND/OR REVIEW PLANS FOR CONTAMINATION STUDIES/TESTS; CONDUCT CONTAM-  
CONTRACT NUMBER: DAAH0192C0018    INATION STUDIES/TESTS TO ASSESS THE STATE OF ENVIRONMENT AT PREVIOUS  
SPONSOR: AMC                      PERSHING ELIMINATION SITES; PROVIDE SAFETY/ENVIR/HEALTH/HAZARDOUS  
PERFORMER: EBASCO SVCS INC      MATERIALS MGT/TECH SUPPORT TO ENSURE COMPLIANCE WITH REGULATION.

PROJECT TITLE: PROGRAMMATIC AND TECHNICAL SUPPORT (PATs)

PUIC: AMSAVL007                    PROVIDE CONTRACTOR SUPPORT TO THE AVSCOM DIRECTORATE FOR LIFE CYCLE  
DTIC NUMBER:                      SOFTWARE ENGINEERING. THIS CORE SUPPORT WILL BE PROVIDED IN ALL  
CONTRACT NUMBER: DAAJ0990D0006    TECHNOLOGY AREAS OF COMPUTER RESOURCES TO MEET REQUIREMENTS OF DOD  
SPONSOR: AMC                      DIRECTIVES AND ARMY REGULATIONS IN MANAGEMENT AND SUPPORT OF ARMY  
PERFORMER: SAIC                   AVIATION SOFTWARE.

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

----- SPONSOR: AMC -----

PROJECT TITLE: REGULATORY SUPPORT

PUIC: MIRDSI002                    TO PROVIDE SUPPORT FOR THE REVIEW OF CONFIGURATION MANAGEMENT, DATA  
DTIC NUMBER:                        MANAGEMENT, AND STATUS ACCOUNTING REGULATIONS, POLICIES, PROCEDURES,  
CONTRACT NUMBER: DAAH0190D0133    GUIDANCE, ETC., TO DETERMINE THEIR IMPACT ON THE CORRESPONDING AREA.  
SPONSOR: AMC  
PERFORMER: SRS TECHNOLOGY

PROJECT TITLE: SAMPLE DATA COLLECTION

PUIC: AMSTRM001                    SUPPORT AND EVALUATE PERFORMANCE AND LOGISTICS SUPPORTABILITY  
DTIC NUMBER:                        OF ARMY EQUIPMENT.  
CONTRACT NUMBER: DAAK0192C0106  
SPONSOR: AMC  
PERFORMER: COBRO

PROJECT TITLE: SAMPLE DATA COLLECTION

PUIC: AMSTRM001                    SUPPORT AND EVALUATE PERFORMANCE AND LOGISTICS SUPPORTABILITY OF  
DTIC NUMBER:                        ARMY EQUIPMENT.  
CONTRACT NUMBER: DAAK0192C0106  
SPONSOR: AMC  
PERFORMER: COBRO

PROJECT TITLE: SMART MUNITIONS MASTER PLANNING

PUIC: MICOMN503                    PROVIDES INDEPENDENT TECHNICAL AND PROGRAMMATIC ASSESSMENTS OF  
DTIC NUMBER:                        TECH BASE AND PROJECT MANAGER MANAGED DEVELOPMENTS TO FORMULATE  
CONTRACT NUMBER:                    INVESTMENT STRATEGIES.  
SPONSOR: AMC  
PERFORMER:                         (FOLLOW-ON CONTRACT FOR EXPIRED PUIC:SMIRDI001)

PROJECT TITLE: SUPPORT SERVICES FOR THE PM-NBC DEFENSE SYSTEMS

PUIC: SMCCRLO03                    TASK ORDER CONTRACT TO PROVIDE SUPPORT IN THE MANAGEMENT OF NBC  
DTIC NUMBER:                        RECON SYSTEM, CHEMICAL AGENT MONITOR, REMOTE SENSING CHEMICAL  
CONTRACT NUMBER: DACAB788G0064    AGENT ALARM, AND RADIACT PROGRAMS.  
SPONSOR: AMC  
PERFORMER: NATIONS, INC

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: AMC-----

PROJECT TITLE: SYSTEMS ENGINEERING AND TECHNICAL ASSISTANCE

PUIC: MILCPM048                    INVESTIGATIONS AND DEVELOPMENT OF INITIATIVES (GENERIC AND  
DTIC NUMBER:                        WEAPON SYSTEMS) OR REDUCING OPERATING AND SUPPORT COSTS.  
CONTRACT NUMBER:  
SPONSOR: AMC  
PERFORMER:

PROJECT TITLE: TARGETS AND THREATS SIMULATOR (A075)

PUIC: AMCQAK003                    ANALYZE PROCESS FOR THE DEVELOPMENT AND PROCUREMENT OF TARGETS AND  
DTIC NUMBER:                        THREAT SIMULATORS TO DETERMINE EFFICIENCIES AND IDENTIFY WEAKNESSES.  
CONTRACT NUMBER:  
SPONSOR: AMC                        TEST PROCESS NEEDS WILL BE EVALUATED TO ENSURE SUPPORTABILITY OF THE  
PERFORMER: MEA                      PROCESS.  
                                      (PMTRADE/SPONSOR UNDERGOING REORG (STRICOM). CONTINUE OCT 92)

PROJECT TITLE: TECHNICAL AND ADMINISTRATIVE SUPPORT

PUIC: SLCETL001                    TO PROVIDE ONSITE, HIGHLY SPECIALIZED ADMINISTRATIVE AND  
DTIC NUMBER:                        TECHNICAL SUPPORT SERVICES.  
CONTRACT NUMBER:  
SPONSOR: AMC  
PERFORMER:

PROJECT TITLE: TECHNICAL SUPPORT - PM TEMOD

PUIC: ASELPG256                    MARKET SURVEYS AND EVALUATIONS OF COMMERCIAL EQUIPMENT TO MODERNIZE  
DTIC NUMBER: DA312749              TMDE BY NDI MEANS.  
CONTRACT NUMBER: DAAB0788DN200  
SPONSOR: AMC  
PERFORMER: XECO

PROJECT TITLE: TECHNICAL SUPPORT FOR C3 SYSTEM

PUIC: ASELPG002                    PROVIDE TECHNICAL AND ENGINEERING EXPERTISE REQUIRED FOR PROGRAM  
DTIC NUMBER: DA318398              DOCUMENTATION AND SHORT SUSPENSE REPORTS. (AD26)  
CONTRACT NUMBER: DAAB0790DA029  
SPONSOR: AMC  
PERFORMER: TAMSOC

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: AMC-----

PROJECT TITLE: TEST PROGRAM SET SUPPORT SERVICES

PUIC: ASELPFH265                    TPS SUPPORT SUCH AS TESTABILITY, BIT, CAE, COST, MODELING, RESOURCE  
DTIC NUMBER: DA311916                PLANNING, WORKLOAD MODELING, SIMULATORS TECHNICAL ASSESSMENTS AND  
CONTRACT NUMBER: DAA80787DN033      RISK ANALYSIS.  
SPONSOR: AMC  
PERFORMER: GIORDANO ASSOC

PROJECT TITLE: TEST TECHNOLOGY SYMPOSIUM V SUPPORT

PUIC: AMSTEM002                    TEST TECHNOLOGY SYMPOSIUM V WILL BE HELD 14-16 JUL 92 AT JOHNS  
DTIC NUMBER:                        HOPKINS UNIVERSITY'S APPLIED PHYSICS LAB IN LAUREL, MD. CONTRACT  
CONTRACT NUMBER: DAAD2392P1064      PROVIDES SUPPORT FOR PLANNING, ORGANIZATION, AND EXECUTION.  
SPONSOR: AMC  
PERFORMER: BIONETICS, INC

PROJECT TITLE: TMDE MANAGEMENT INFORMATION SYSTEM

PUIC: AMXCTI001                    PROVIDES A CENTRALIZED TMDE MANAGEMENT INFORMATION SYSTEM FOR TMDE  
DTIC NUMBER:                        LIFE CYCLE DATA IN SUPPORT OF DA TMDE PROGRAM MANAGEMENT.  
CONTRACT NUMBER:  
SPONSOR: AMC  
PERFORMER: CENTRAL TMDE AC

PROJECT TITLE: TOTAL QUALITY MANAGEMENT CONSULTING SERVICES

PUIC: AMSDSK001                    MANAGEMENT CONSULTANT TO PROVIDE TRAINING IN TQM PHILOSOPHY AND  
DTIC NUMBER:                        PROBLEM SOLVING SKILLS TO DEPOT MANAGERS AND EMPLOYEES.  
CONTRACT NUMBER:  
SPONSOR: AMC  
PERFORMER:                         (FY93 PLAN UNKNOWN DUE TO PROPOSED DEPOT CLOSURE)

PROJECT TITLE: U-XX PROCUREMENT MANAGEMENT SUPPORT

PUIC: AMCPMN003                    MANAGEMENT SUPPORT FOR DEVELOPMENT OF ARMY REQUIREMENTS AND  
DTIC NUMBER:                        ACQUISITION OF A REPLACEMENT AIRCRAFT FOR THE U-21.  
CONTRACT NUMBER:  
SPONSOR: AMC  
PERFORMER:

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: AMC-----

PROJECT TITLE: UNIT MAINTENANCE AERIAL RECOVERY KIT IPR/TYPE CLASSIFICATION

PUIC: AMSAVM172                    SYSTEM MANAGEMENT SUPPORT FOR UMARK PROGRAM TO INCLUDE THE IPR AND  
DTIC NUMBER:                        TYPE CLASSIFICATION REQUIREMENTS OF THE DOD 5000 SERIES DIRECTIVES.  
CONTRACT NUMBER:  
SPONSOR: AMC  
PERFORMER:

PROJECT TITLE: UNIT MAINTENANCE AERIAL RECOVERY KIT TEMP/TIWG

PUIC: AMSAVM173                    PROVIDE TEST AND EVALUATION MASTER PLAN AND TEST INTEGRATION  
DTIC NUMBER:                        WORKING GROUP CHARTER FOR THE UMARK PROGRAM.  
CONTRACT NUMBER:  
SPONSOR: AMC  
PERFORMER:

PROJECT TITLE: VALUE ENGINEERING WORKSHOP FOR SELECTED EQUIPMENT

PUIC: AMSAVI148                    CONTRACTUAL CONDUCT OR VALUE ENGINEERING WORKSHOP TO TRIM VALUE  
DTIC NUMBER: DA326870              ENGINEERING PERSONNEL IN THE LATEST VE METHODS FOR PRODUCTION  
CONTRACT NUMBER: DAAJ099000006     AIRCRAFT.  
SPONSOR: AMC  
PERFORMER: SAIC

PROJECT TITLE: WARRANTY IMPLEMENTATION (A074)

PUIC: AMcqak001                    THIS STUDY WILL REVIEW THE WARRANTY IMPLEMENTATION PROCESS WITH  
DTIC NUMBER:                        EMPHASIS ON COST/BENEFIT RATIO AND AMC'S RETURN ON INVESTMENT.  
CONTRACT NUMBER:  
SPONSOR: AMC  
PERFORMER: MEA

PROJECT TITLE: TIGER EYE WARGAME

PUIC: CSCAMN074                    Assesses operation and contingency plan effectiveness for a ground war  
DTIC NUMBER:                        conducted in Southeast Asia.  
CONTRACT NUMBER:  
SPONSOR: ARCENT  
PERFORMER: CAA

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

--SPONSOR: ARLANT

PROJECT TITLE: MARTI 93 Cuban Political Military Game

PUIC: CSCAMN002      Examines effectiveness of contingency plan for armed conflict in CUBA.  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: ARLANT  
PERFORMER: CAA

**PROJECT TITLE:** Civilian Sector Support on the Battlefield

**PUIC:** SAMRCN005      **DTIC NUMBER:** Study will include an examination of the full range of civilian sector support on the battlefield, including linkage to tactical success, sustainment, of combat power, documentation of past experience, regulatory guidance, Army doctrine, and legal implications.  
**CONTRACT NUMBER:**  
**SPONSOR:** ASA(MRA)  
**PERFORMER:** TBD

PROJECT TITLE: Component Requirements & Authorization Determination Study

**PUIC:** CSCAMN003      **Develop a comprehensive yet simple quantitative methodology to assist in  
the design of force structure.**  
**DTIC NUMBER:**  
**CONTRACT NUMBER:**  
**SPONSOR:** ASA(MRA)  
**PERFORMER:** CAA

**PROJECT TITLE:** Contingency Packages Study

**PUIC:** CSCAMN004      **Develop methodology to create generic force packages by SRC for DPG scenarios and align current and future UICs to the packages. Determine the AC/RC mix for the force packages. Analyze alternative packages for "what if" scenarios. Examine the CONUS infrastructure necessary to support the packages.**

**DTIC NUMBER:**

**CONTRACT NUMBER:**

**SPONSOR:** ASA(MRA)

**PERFORMER:** CAA

**PROJECT TITLE:** Glass Ceiling Study

**PUIC:** SAMRCN002      **DTIC NUMBER:** Study will determine if a glass ceiling-artificial barrier to minorities/women restricting promotion-exists in Army; and if so, identify barriers & causes that obstruct fair and equal advancement opportunities. The study will recommend to Army's senior leadership actions that will remove these barriers.  
**CONTRACT NUMBER:**  
**SPONSOR:** ASA(MRA)  
**PERFORMER:** TRD

FY 03 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: ASA(RDA)-----

PROJECT TITLE: ELECTROMAGNETIC ENVIRONMENTAL EFFECTS (E3) CRITERIA STUDY

PUIC: SARD-M001                    IN ACCORDANCE WITH DODD 5000.2, ALL ARMY SYSTEMS MUST BE ABLE TO OPERATE  
DTIC NUMBER:                        IN EXPECTED ELECTROMAGNETIC ENVIRONMENTS WITHOUT SUFFERING UNACCEPTABLE  
CONTRACT NUMBER:                  DEGRADATION. TO DESIGN OR HARDEN SYSTEMS, DETAILED E3 CRITERIA ARE REQ'D  
SPONSOR: ASA(RDA)                  KEYED TO THE EXPECTED LIFE CYCLE OF THE SYSTEM. STUDY WILL DOCUMENT ALL  
PERFORMER: TBD                    MISSION AREAS (5-10) FOR MATDEV/CBTDEV AND PROVIDE AUDIT TRAIL FOR UPDATES

PROJECT TITLE: ARDENNES Campaign Simulation

PUIC: CSCAMN005                    To determine how the simulation (using CEM) will portray the WWII  
DTIC NUMBER: DA331970              Ardennes campaign when specific, detailed historical data is used as  
CONTRACT NUMBER:                    input to the simulation. Develop a quantitative description of the  
SPONSOR: CAA                        Ardennes campaign. To compare CEM results w/historical results of the  
PERFORMER: CAA                    Ardennes campaign and, if necessary, to recommend modifications to CEM.

PROJECT TITLE: Economic Analysis Of HQDA Automation Programs

PUIC: CSCAMN007                    The Army Capstone Information Model will be used as the framework to  
DTIC NUMBER:                        evaluate HQDA AIS programs. The initial data collection effort will  
CONTRACT NUMBER:                  focus on identifying the appropriate level of detail for AIS programs  
SPONSOR: CAA                        across HQDA. The Analytic Hierarchy Process will be used to compare AIS  
PERFORMER: CAA                    programs and produce a prioritized list and budgeting data.

PROJECT TITLE: Next Generation Wargame

PUIC: CSCAMN006                    Replacement for the current CFAW wargame which is intended for operation  
DTIC NUMBER:                        on Agency's computers.  
CONTRACT NUMBER:                  SPONSOR: CAA  
PERFORMER: Summit Research

PROJECT TITLE: Renewables and Energy Efficiency Planning

PUIC: CSCAMN008                    This study will develop and evaluate renewable energy and energy  
DTIC NUMBER:                        efficiency investment strategy in the Army.  
CONTRACT NUMBER:                  SPONSOR: COE  
PERFORMER: CAA

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

----- SPONSOR: DCSI -----

PROJECT TITLE: RECRUITMENT SOURCES FOR LANGUAGE SPECIALISTS

PUIC: DAMIPN001 IDENTIFY POTENTIAL SOURCES OF RECRUITMENT FOR NATIVE LINGUISTS, INCENTIVES  
DTIC NUMBER: WHICH WOULD ENTICE THEM TO WORK FOR ARMY, REMUNERATION AND LEGAL ISSUES.  
CONTRACT NUMBER: WILL RESULT IN A BASIC PLAN TO RECRUIT SPECIALISTS TO BE IMPLEMENTED IN  
SPONSOR: DCSI EVENT OF CONTINGENCY OPERATIONS.  
PERFORMER:

PROJECT TITLE: ARMY STRATEGIC MOBILITY PROGRAM DEPLOYMENT INFRASTRUCTURE STUDY

PUIC: DALOTN001 THE STUDY WILL REVIEW BOTH MILITARY AND REGIONAL COMMERCIAL INFRASTRUCTURE  
DTIC NUMBER: I.E., INSTALLATIONS, RAIL AND HIGHWAY NETWORKS. THE ASMP WILL BE THE KEY  
CONTRACT NUMBER: PARAMETER.  
SPONSOR: DCSLOG  
PERFORMER: HQMTMC

PROJECT TITLE: Analysis of Army RC Clothing Replacement Process

PUIC: CSCAMN010 Examine operational and budgetary impacts of converting the present  
DTIC NUMBER: issue-in-kind (IIK) clothing allowance policy of the Army Reserve and  
CONTRACT NUMBER: National Guard to a monetary allowance policy, as recommended in a  
SPONSOR: DCSLOG recent (June 1991) GAO report.  
PERFORMER: CAA

PROJECT TITLE: CONUS INFRASTRUCTURE CAN MEET ARMY STRAT/MOB PLAN (ASMP)

PUIC: DALOTM004 Determine CONUS infrastructure improvements that are necessary so  
DTIC NUMBER: deployment timeframes listed in ASMP can be met. Study will provide  
CONTRACT NUMBER: potential cost of efforts and prioritized incremental effects  
SPONSOR: DCSLOG of individual projects and/or systems on deployment objectives.  
PERFORMER: MTMC TEA

PROJECT TITLE: FACILITATING USE OF ARMY EDA

PUIC: DALOAM001 BECAUSE OF THE URGENCY OF THE EDA PROBLEM IN EUROPE THIS EFFORT WILL  
DTIC NUMBER: CONCENTRATE ON DEVELOPING RECOMMENDATIONS AIMED AT EXPEDITING THE FOREIGN  
CONTRACT NUMBER: MDA90390C0006 TRANSFER OF EXCESS TACTICAL WHEELED VEHICLES AND CLASS IX REPAIR PARTS.  
SPONSOR: DCSLOG  
PERFORMER: LMI

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: DCSLOG-----

PROJECT TITLE: INFORMATION FLOW FOR STRATEGIC DEPLOYMENTS

PUIC: DALOTM002                      Deter methods of improving flow of strategic unit deploy movement  
DTIC NUMBER:                            data to enhance decision and planning at all lvs of cmd. Study will  
CONTRACT NUMBER:                        provide blueprint of what the Army needs to do to improve unit  
SPONSOR: DCSLOG                        deployment information flow.  
PERFORMER:

PROJECT TITLE: Joint Chemical Defense Equipment Consumption Rates

PUIC: CSCAMN009                        This study will integrate current information on system use and  
DTIC NUMBER:                            reliability with the results of theater level combat models to determine  
CONTRACT NUMBER:                        consumption rates for chemical defense equipment in several potential  
SPONSOR: DCSLOG                        theaters of operation during the FY1999 to FY2004 timeframe.  
PERFORMER: CAA

PROJECT TITLE: Log Implications of CFE

PUIC: DALOPL005                        Determine the Army "equipment dividend" and other directly related  
DTIC NUMBER:                            logistics implications of the anticipated draw down of US Forces due to  
CONTRACT NUMBER:                        CFE negotiations. Include the projected impact on industrial mobilization  
SPONSOR: DCSLOG                        requirements and unit readiness elsewhere in the Army.  
PERFORMER: CAA

PROJECT TITLE: SECURITY ASSISTANCE SALES OF DOWNSIZING STOCK FOR ARMY MODERNIZATION

PUIC: DALOAN001                        FACILITATE THE DEVELOPMENT & IMPLEMENTATION OF A PLAN TO SELL DOWNSIZING  
DTIC NUMBER:                            ASSETS FOR MONIES THAT COULD BE UTILIZED FOR FUTURE ARMY MODERNIZATION  
CONTRACT NUMBER:                        INITIATIVES.  
SPONSOR: DCSLOG  
PERFORMER: LMI

PROJECT TITLE: SHELF-LIFE STOCK MANAGEMENT

PUIC: DALOSK010                        MGT POLICIES PERTAINING TO SHELF-LIFE STOCKS NEED REVISION. THE  
DTIC NUMBER:                            NUMBER OF CHEMICAL DEFENSE EQUIP STOCKS REQUIRING SHELF-LIFE MGT EX-  
CONTRACT NUMBER:                        CEEDS 300. YEAR-BY-YEAR EXTENSIONS OF EXPIRATION DATA FOR MOST ITEMS  
SPONSOR: DCSLOG                        MAKE IT DIFFICULT FOR RETAIL CUSTOMER TO FORECAST FUNDING REQMTS  
PERFORMER: LOI                        AND TO SUBMIT REQUISITIONS ON A TIMELY BASIS.

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: DCSLOG-----

PROJECT TITLE: TRANSPORTATION OFFICE - IMPACT OF MODERNIZATION

PUIC: DALOTM005  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: DCSLOG  
PERFORMER: LMI

The dev multiple software automation systems, new computer hardware proliferation, contract opns, and conversions to GSA fleet ops have dramatically changed the operation of Installation Transportation Ofcs, yet the incorporation of these separate new methods has not been analyzed as a total system.

PROJECT TITLE: WAR RESERVE STOCKAGE PLANNING

PUIC: DALOSN003  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: DCSLOG  
PERFORMER: CONTRACTOR

AN ACCURATE ASSESSMENT OF THE CAPABILITY OF THE NEW WAR RESERVE PROGRAM IN MEETING THE REQUIREMENTS OF THE WARFIGHTING CINCs.

PROJECT TITLE: ARMY FORCE MODERNIZATION STRATEGY

PUIC: DAMOZN004  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: DCSOPS  
PERFORMER:

Study will analyze the impact of alternative force modernization strategy, equipment modernization options, procurement strategies, and investment-tradeoffs in the context of contingency operations for alternative force structures, active/reserve component mixes, force readiness levels and force availability projections.

PROJECT TITLE: ARMY ROLES AND MISSIONS

PUIC: DAMOZN001  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: DCSOPS  
PERFORMER:

Study will analyze roles and missions of Army and other Services in light of changes in nature of threats faced by US, changes in technology that can be effectively applied to warfare; and unnecessary duplication of effort among Services. Study will address ten broad areas that are discussed specifically in the study summary sheet.

PROJECT TITLE: ARMY SPECIAL ELECTRONIC MISSION AIRCRAFT (ASEMA) SURV

PUIC: DAMOFM011  
DTIC NUMBER: CBK05E  
CONTRACT NUMBER:  
SPONSOR: DCSOPS  
PERFORMER: AMSAA

STUDY WILL REVIEW AND DETERMINE REQUIRED ASEMA MISSION PROFILES BASED ON PROJECTED MISSION EQUIPMENT FOR VARIOUS SCENARIOS. WILL REVIEW THREAT AND THEN DETERMINE WHAT SURVIVABILITY MEASURES, ACTIVE & PASSIVE, WILL BE REQUIRED TO ALLOW MISSION ACCOMPLISHMENT AND ENSURE SURVIVABILITY--TO INCLUDE TRADEOFFS BETWEEN SURVIVABILITY AND MISSIONS AND SENSOR OPTIONS.

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: DCSOPS-----

PROJECT TITLE: Active Reserve Mix Study (ARM-93)

PUIC: CSCAMN041  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: DCSOPS  
PERFORMER: CAA

To assess and evaluate the ability of a range of active and reserve force mixes to support the National Military Strategy at various funding levels; provide an analytical basis for an Army evaluation of the force alternatives developed by the Congressionally mandated RAND Corporation AC/RC Mix Study.

PROJECT TITLE: Active/Reserve Mix Study

PUIC: CSCAMN024  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: DCSOPS  
PERFORMER: CAA

To assess the capability of alternative sizes and AC/RC mixes of major combat, combat support, and combat service support forces to meet current Defense Planning Guide (DPG) scenario requirements.

PROJECT TITLE: Army Force Planning Data & Assumption - FY 95/2001

PUIC: CSCAMN013  
DTIC NUMBER: DA332042  
CONTRACT NUMBER:  
SPONSOR: DCSOPS  
PERFORMER: CAA

The AFPDA provides the Army Staff and other Army agencies and commands in one DA-approved reference document, common user data and assumptions that support the Army PPBES. Specifically, the AFPDA documents the key input data and assumptions provided to CAA and reviewed by the DA Staff for use in force planning studies and analyses such as SRA and OMNIBUS.

PROJECT TITLE: Army Force Planning Data and Assumption - FY97/2003

PUIC: CSCAMN034  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: DCSOPS  
PERFORMER: CAA

The AFPDA provides the Army Staff and other Army agencies and commands in one DA-approved reference document, common user data and assumptions that support the Army PPBES. Specifically, the AFPDA documents the key input data and assumptions provided to CAA and reviewed by the DA Staff for use in force planning studies such as SRA and OMNIBUS.

PROJECT TITLE: Army Global Strategic Force Planning Game 93

PUIC: CSCAMN033  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: DCSOPS  
PERFORMER: CAA

Evaluate regional military strategies and campaign plans which support the National Military Strategy (NMS).

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: DCSOPS-----

PROJECT TITLE: Army Initiatives - Deployment Analysis

PUIC: CSCAMN043  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: DCSOPS  
PERFORMER: CAA

This effort will examine DPG deployment options in support of Army force structure initiatives (ARSTAR 92 & ARM studies). Options include varying force balance concept, additional lift assets and force readiness modifications as related to strategic mobility.

PROJECT TITLE: Army International Activities Measures of Effectiveness.

PUIC: DAMOSL002  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: DCSOPS  
PERFORMER: TBD

Identify a means of measuring the effectiveness of competing international activity strategies for their structuring and integration to ensure consistency with U.S. interests and security objectives. Additionally, identify ways to optimize use of limited resources or in-country support to Army international activities.

PROJECT TITLE: Army Operational Requirements for Nuclear Fire Support

PUIC: CSCAMN023  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: DCSOPS  
PERFORMER: CAA

The study will explore generic circumstances under which a land component commander might have a need for the use of non-strategic nuclear weapons to support his warfighting strategy or operations.

PROJECT TITLE: Army Strategic Force Architecture - 92

PUIC: CSCAMN022  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: DCSOPS  
PERFORMER: CAA

Update of "base force" estimate using the ARSTAR process and latest Defense Planning Guidance (DPG) scenarios.

PROJECT TITLE: Army Strategic Force Architecture Study - 93

PUIC: CSCAMN040  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: DCSOPS  
PERFORMER: CAA

Continue to update force estimates using ARSTAR process and evolving scenarios.

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: DCSOPS-----

PROJECT TITLE: BIOLOGICAL WARFARE (BW) HAZARD STUDY

PUIC: DAMOWM013                    DEVELOP ACCURATE METHOD FOR PREDICTING HAZARD FROM INCREASING THREAT OF  
DTIC NUMBER: UH016M                BIOLOGICAL AGENTS WHEN EMPLOYED AS WEAPONS OR BY TERRORISTS. THIS STUDY  
CONTRACT NUMBER:                 WILL INVESTIGATE USE OF DIFFERENT METHODOLOGIES AND MODELS INCORPORATING  
SPONSOR: DCSOPS                    LATEST TECHNOLOGIES FOR PREDICTING HAZARDS FROM BW AGENTS ON REAL-TIME  
PERFORMER: USNSEC, DAHLGRE        BASIS, INCLUDING 3-DIMENSIONAL EFFECTS OF COMPLEX TERRAIN.

PROJECT TITLE: Biological Assessment and Modelling Study

PUIC: CSCAMN026                    The purpose of BAMS is to assess the resource and modelling requirements  
DTIC NUMBER:                        for Army theater-level biological warfare studies.  
CONTRACT NUMBER:  
SPONSOR: DCSOPS  
PERFORMER: CAA

PROJECT TITLE: Biological Warfare Defense Capabilities

PUIC: CSCAMN038                    An analysis of the Army's biological defense capability in selected  
DTIC NUMBER:                        theater level scenarios.  
CONTRACT NUMBER:  
SPONSOR: DCSOPS  
PERFORMER: CAA

PROJECT TITLE: Biological Weapons Proliferation-The Emerging Threat

PUIC: CSCAMN039                    A survey of the emerging biological warfare threat due to the proliferation  
DTIC NUMBER:                        of biological weapons in the world. Focus is on the potential  
CONTRACT NUMBER:                  enemies of the U.S.  
SPONSOR: DCSOPS  
PERFORMER: CAA

PROJECT TITLE: CHGRES Political/Military Game

PUIC: CSCAMN032                    Examines issues that surround the proliferation of weapons of mass  
DTIC NUMBER:                        destruction.  
CONTRACT NUMBER:  
SPONSOR: DCSOPS  
PERFORMER: CAA

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: DCSOPS-----

PROJECT TITLE: Chemical Deterrence

PUIC: CSCAMN025  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: DCSOPS  
PERFORMER: CAA

The study will compare different U.S. military options to deter enemy first use of chemical munitions after conventional combat has begun and the resultant impact these options have on the outcome of the theater campaign.

PROJECT TITLE: Chemical Unit Requirements Study, Phase II

PUIC: CSCAMN011  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: DCSOPS  
PERFORMER: CAA

Determine changes in Total Army Analysis 96 force structure required as result of chemical unit requirements (CURE) I. The study will postulate threat chemical laydown consistent with the assessment of projected chemical warfare capabilities of emerging threat regional powers.

PROJECT TITLE: Chemical Weapons Deterrents Alternatives Strategies Wargame

PUIC: CSCAMN030  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: DCSOPS  
PERFORMER: CAA

To develop alternatives or strategies to deter or stop the use of Chemical Weapons (CW) during theater campaigns and to determine which alternatives is most effective. Scheduled date 22 Jul 92.

PROJECT TITLE: Effects of Army Training on the Management of Endangered Species

PUIC: DAMOTN006  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: DCSOPS  
PERFORMER:

Increase of proposed and listed endangered species directly impacts on availability of Army lands to support training. Research is needed immediately to develop data base for management plans which enable the Army to adequately train while adequately protecting these species/habitats.

PROJECT TITLE: Expanded Force Employment Study

PUIC: CSCAMN017  
DTIC NUMBER: DA332043  
CONTRACT NUMBER:  
SPONSOR: DCSOPS  
PERFORMER: CAA

This study will document and analyze non-traditional use of Army forces involving less than 50 personnel & operations not captured by FES. EFES database & report will include the actual units, personnel & mission involved in each operation, the composition of the force, and the home station of the units. The study will include Special Operations Forces..

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: DCSOPS-----

PROJECT TITLE: FORCE CAPABILITIES FOR CONTINGENCY OPERATIONS

PUIC: DAMOZM002  
DTIC NUMBER: BIM12A  
CONTRACT NUMBER:  
SPONSOR: DCSOPS  
PERFORMER: VRI

STUDY WILL ANALYZE FORCE CAPABILITIES OF ALTERNATIVE FORCE STRUCTURES, ACTIVE/RESERVE COMPONENT MIXES, FORCE READINESS LEVELS AND FORCE AVAILABILITY PROJECTIONS, ALTERNATIVE EQUIPMENT MODERNIZATION OPTIONS, PROCUREMENT STRATEGIES AND PRIORITIES, AND INVESTMENT-TRADEOFFS IN THE CONTEXT OF CONTINGENCY OPERATIONS.

PROJECT TITLE: FORCE STRUCTURE & MODERNIZATION ANALYSIS

PUIC: DAMOFM001  
DTIC NUMBER: CBK44C  
CONTRACT NUMBER:  
SPONSOR: DCSOPS  
PERFORMER: TBD

CONDUCT RESPONSIVE (REAL TIME) ANALYSIS IN SUPPORT OF MANAGEMENT OF HIGH PRIORITY MODERNIZATION PROGRAMS. WILL EVALUATE POST-DESERT SHIELD FORCE-ON-FORCE ISSUES, TO INCLUDE SWING CORPS AND REGIONAL FORCE DEPLOYMENT AT CORPS LEVEL. FOCUS WILL BE ON CONTRIBUTION TO FORCE EFFECTIVENESS OF SYSTEMS FOR DIFFERENT FORCE MIXES USING ALB-F DOCTRINE.

PROJECT TITLE: FORCE STRUCTURE CAPABILITY ANALYSIS

PUIC: DAMOSN003  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: DCSOPS  
PERFORMER:

Continuing need to examine decisive force, requirements, casualty levels, and warfighting risks for a broader set of Base Force, scenario and resource assumptions. This study will analyze force capabilities of alternative force structures(size), active/reserve component mixes, division mix(heavy/light, force readiness levels and force availability projection.

PROJECT TITLE: Force Structure and Force Planning

PUIC: DAMOZL001  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: DCSOPS  
PERFORMER: TBD

Analyze impact on force capability of alternative equipment modernization options, alternative conventional force structures, active/reserve component mixes, force readiness levels, and force availability projections. Analysis will be to the 2006 timeframe.

PROJECT TITLE: GLOFAM Methodology Improvement

PUIC: CSCAMN016  
DTIC NUMBER: DA332041  
CONTRACT NUMBER:  
SPONSOR: DCSOPS  
PERFORMER: CAA

Identify GLOFAM Enhancements and Develop Objectives:  
1. Increase Response Capability  
2. Increase Range of Analysis Products

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: DCSOPS-----

PROJECT TITLE: Global Force Allocation Model Methodology Improvement, PII

PUIC: CSCAMN042  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: DCSOPS  
PERFORMER: CAA

The capability of GLOFAM was significantly improved with the addition of a dynamic lift module, a methodology to calibrate combat power with results generated by CEM, and the addition of a robust linear programming software package. Phase II improvement will make the tool more user-friendly and enable dynamic modelling of impact of air on regmts.

PROJECT TITLE: Hurricane Political-Military Game

PUIC: CSCAMN018  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: DCSOPS  
PERFORMER: CAA

A political-military game and seminar to analyze Caribbean Basin regional defense issues. Focus is on the areas of possible US military involvement and the role of USARLANT.

PROJECT TITLE: Joint Military Net Assessment 92

PUIC: CSCAMN044  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: DCSOPS  
PERFORMER: CAA

Provide movement data bases for regional scenarios in support of army forces. These data bases will include short ton, measurement ton, and square feet data for each unit on the force. This information will be provided in MORA data for input into the MIDAS model.

PROJECT TITLE: Latin America Scenarios through 2001

PUIC: CSCAMN019  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: DCSOPS  
PERFORMER: CAA

Development of future scenarios in Latin America by use of the FACTIONS model through the year 2010.

PROJECT TITLE: MOBILIZATION ANALYSIS SUPPORT

PUIC: DAMOZM001  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: DCSOPS  
PERFORMER: SRA/VRI

ASSIST ODCSOPS TO INTEGRATE FUNCTIONAL AREA SOLUTIONS AND APPLY A COST-BENEFIT TRADE-OFF METHODOLOGY THAT IDENTIFIES: THE STRATEGIC AND OPERATIONAL IMPACTS OF SHORTFALLS; BENEFITS OF PROPOSED SOLUTIONS; AND TECHNIQUES FOR ASSESSING THE RELATIVE IMPORTANCE OF THE SOLUTIONS.

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: DCSOPS-----

PROJECT TITLE: Mobilization Capabilities Evaluation Model

PUIC: CSCADN003                  This contract will develop a model that supports the analysis of current  
DTIC NUMBER:                  and projected Army mobilization capabilities and performance. The  
CONTRACT NUMBER: MDA90391D0032                  model will provide the capability to determine shortfalls in the  
                SPONSOR: DCSOPS                  mobilization system and examine the effects of potential changes in  
                PERFORMER: CAA/AMCI                  policies or resources.

PROJECT TITLE: Model Maintenance & Support

PUIC: CSCAFL002                  The selected model will be used to provide corps-level combat effectiveness measures value-added process to help solve PPBES issues presented by  
DTIC NUMBER:                  ARSTAF. The selected model must provide results in a short time by ARSTAF.  
CONTRACT NUMBER:                  The complicated nature of combat modelling short time constraint and  
                SPONSOR: DCSOPS                  criticality of vaa necessitates on-going expert(contractor) maintenance.  
                PERFORMER: TBD

PROJECT TITLE: Nuclear Impacts Analysis - Europe

PUIC: CSCAMN036                  An assessment of the impact of nuclear weapons employment in the European  
DTIC NUMBER:                  Theater of Operations.  
CONTRACT NUMBER:  
                SPONSOR: DCSOPS  
                PERFORMER: CAA

PROJECT TITLE: Nuclear Impacts Analysis - Northeast Asia

PUIC: CSCAMN037                  An assessment of the impact of nuclear weapons employment in the Northeast  
DTIC NUMBER:                  Asia Theater of Operations.  
CONTRACT NUMBER:  
                SPONSOR: DCSOPS  
                PERFORMER: CAA

PROJECT TITLE: Nuclear Impacts Analysis - Two Theaters

PUIC: CSCAMN035                  An assessment of the impact of nuclear weapons employment in one or  
DTIC NUMBER:                  both theaters during a two theater (simultaneous) campaign.  
CONTRACT NUMBER:  
                SPONSOR: DCSOPS  
                PERFORMER: CAA

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: DCSOPS-----

PROJECT TITLE: Nuclear Weapons Political Issues Political-Military Game

PUIC: CSCAMN028  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: DCSOPS  
PERFORMER: CAA

To examine the military circumstances for theater nuclear weapons (TNW) during SKYFLASH 92, regarding their potential for National Command Authority (NCA) approval. The game will focus on the political issues that affect the national will to use TNW and the issues that influence world perception for the U.S. potential use of TNW.

PROJECT TITLE: Nuclear Weapons Requirements Political-Military Game

PUIC: CSCAMN027  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: DCSOPS  
PERFORMER: CAA

To explore selected plausible high risk regional scenarios to determine if the theater land component commander might have a need for theater nuclear weapons (TNW). The game will focus on a strategic non-nuclear Army using AirLand operations doctrine, deployed as a part of a joint/combined contingency for in a regional conflict in CY2000.

PROJECT TITLE: Pacific Rim 2015

PUIC: CSCAMN020  
DTIC NUMBER: DA332049  
CONTRACT NUMBER:  
SPONSOR: DCSOPS  
PERFORMER: CAA

The study will focus on future Army issues in the Pacific Rim region. The objective is to provide the senior Army leadership with a well reasoned assessment of the US Army's future in the Pacific Rim region.

PROJECT TITLE: Reserve Component Tng Installation Facility Yearly Rqmts Sty

PUIC: CSCAMN029  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: DCSOPS  
PERFORMER: CAA

To develop and demonstrate a set of analytical tools to evaluate the expansion or closure of currently available training facilities supporting the Army National Guard and Reserve.

PROJECT TITLE: Soviet Troop Control Procedures

PUIC: DAMOZI006  
DTIC NUMBER:  
CONTRACT NUMBER: MDA90388D1000  
SPONSOR: DCSOPS  
PERFORMER: SAIC

TO DEVELOP AND PRESENT A SET OF INSTRUCTIONAL MATERIAL WHICH WILL PERMIT US ARMY TO DEVELOP A GREATER FAMILIARITY WITH THE SOVIET TROOP CONTROL SYSTEM.

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

--SPONSOR: DCSOPS

**PROJECT TITLE:** Support Force Rqmts Analysis - 2001 Deployment Analysis

**PUIC:** CSCAMN012      **Study provides deployment closures for major combat units and analysis in support of SRA-2001 regional contingencies.**  
**DTIC NUMBER:**  
**CONTRACT NUMBER:**  
**SPONSOR:** DCSOPS  
**PERFORMER:** CAA

**PROJECT TITLE:** Support Requirements Analysis 2001

**PUIC:** CSCAMN021      **Using Army support doctrine and organizations projected to be available**  
**DTIC NUMBER:**              **during 2001, this study will determine the echelon above division (EAD)**  
**CONTRACT NUMBER:**          **support force structure requirements associated with the combat forces**  
**SPONSOR:** DCSOPS            **and theater scenarios to be provided by DCSOPS (DAMO-FD).**  
**PERFORMER:** CAA

**PROJECT TITLE: TARGETING AND ATTACK OF CRITICAL RELOCATABLE TARGETS**

**PUIC:** DAMOFM010      **DETERMINE THE BEST APPROACH FOR DETECTION, IDENTIFICATION, LOCATION, AND**  
**DTIC NUMBER:** CBO25E      **ATTACK OF CRITICAL RELOCATABLE TARGETS. THIS STUDY WILL EXAMINE CANDIDATE**  
**CONTRACT NUMBER:**      **TECHNOLOGIES FOR SENSOR(S), SENSOR PLATFORM, WEAPON, AND WEAPON DELIVERY**  
**SPONSOR:** DCSOPS      **SYSTEMS WHICH WILL ADDRESS DEFICIENCY.**  
**PERFORMER:** VRI

**PROJECT TITLE:** Target Acquisition Study-Phase IV (TAS IV) TECHNICAL DATA STUDY

**PUIC:** DAMOSL103      **DTIC NUMBER:** **CONTRACT NUMBER:** **SPONSOR:** DCSOPS      **PERFORMER:** AMSAA      Generate updated data on US, non-US NATO, and Warsaw Pact sensor capabilities for 1989-1997 time frame, for use in generating updated probabilities of target acquisition for input to Nuclear Fire Planning and Assessment Model (NUFAM). PRODUCING NUMBERS ON A CASE BY CASE BASIS FOR CAA. MODELING EFFORT IS COMPLETE.

**PROJECT TITLE:** The Data Interpretation System (DIS), hosted by the DCSOPS

**PUIC:** CSCAMN031      **DTIC NUMBER:** Is a "user friendly" icon driven system capable of assembling, analyzing, presenting, and communicating information from multiple sources. The ODCSOPS has a contractor performing database administration functions for DIS. Access to DIS will allow CAA to provide support to critical Army studies and analyses.

**CONTRACT NUMBER:** MDA90389C0280      **SPONSOR:** DCSOPS

**PERFORMER:** CAA/Contractor

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: DCSOPS-----

PROJECT TITLE: The Role of Am. Armies in Preservation of Democracy in Hemisphere

PUIC: DAMOSL004                  Identify new policies for the changing US/Latin American Armies roles and  
DTIC NUMBER:                  missions in light of the changing POL-MIL environment.  
CONTRACT NUMBER:  
SPONSOR: DCSOPS  
PERFORMER: Lib.Cong-FRD

PROJECT TITLE: U.S. Army in a Civil-Military Support Role in Latin America.

PUIC: DAMOSL005                  There is a need to better define the appropriate role for the U.S. Army in  
DTIC NUMBER:                  assisting Latin American militaries adjust to the transition from a  
CONTRACT NUMBER:                  counterinsurgency posture to a peacetime force.  
SPONSOR: DCSOPS  
PERFORMER: IDA

PROJECT TITLE: Value Added Analysis - Phase II

PUIC: CSCAMN014                  Refine methodology developed in VALUE ADDED Phase I, implement the  
DTIC NUMBER: DA332012                  decision support system at CAA, PA&E, and ODCSOPS.  
CONTRACT NUMBER:  
SPONSOR: DCSOPS  
PERFORMER: CAA

PROJECT TITLE: Wartime Requirements, FY 99

PUIC: CSCAMN015                  To assist HQDA in determining conventional munition requirements, fuel  
DTIC NUMBER: DA332040                  consumption and major end item attrition in the FY 99 time frame under  
CONTRACT NUMBER:                  scenarios specified for the Army Integrated Mobilization Study (AIMS).  
SPONSOR: DCSOPS  
PERFORMER: CAA

PROJECT TITLE: ENLISTED VOLUNTARY INDEFINITE STATUS VS. REENLISTMENT PERIODS.

PUIC: DAPEMN01                  STUDY THE FEASIBILITY AND DESIRABILITY OF AN ENLISTED VOLUNTARY INDEFINITE  
DTIC NUMBER:                  STATUS VICE A FIXED ENLISTMENT PERIOD OF SERVICE ONCE A SOLDIER COMPLETES  
CONTRACT NUMBER:                  6 TO 10 YEARS OF SERVICE. DEVELOP THE BENEFITS AND ISSUES ASSOCIATED WITH  
SPONSOR: DCSPER                  WITH ESTABLISHING AN ENLISTED INDEFINITE STATUS. DETERMINE THE COST-EFFECTIVENESS  
PERFORMER:                  OF ELIMINATING REENLISTMENT OPTIONS AT A PERIOD BETWEEN 6-10 YRS.

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-SPONSOR: DCSPER

## **PROJECT TITLE: FUTURE PERSONNEL SYSTEMS**

**PUIC:** DAPEZNX03      **FUTURE SYSTEMS IN PERSONNEL**(RECRUITING, ASSIGNMENT, TRAINING, RETIREMENT AND RESERVES) ARE VITAL ASPECTS IN MEETING THE ARMY MISSION. STRATEGIC PLANNING ESTABLISHES THE STRUCTURE. RESHAPING THE FORCE ANALYSIS OF THE RECENT PAST AND THIS EFFORT WILL LOOK AT INDIVIDUAL ACTIVITIES AND HOW THEY INTERRELATE TO OPTIMIZE PERSONAL/PERSONNEL PROGRAMS.

**DTIC NUMBER:**

**CONTRACT NUMBER:**

**SPONSOR:** DCSPER

**PERFORMER:**

**PROJECT TITLE:** Math Program Incentives

PUIC: CSCAMN045 Develop Mathematical Program for efficient allocation of incentives  
DTIC NUMBER: (bonus dollars) to military occupational skills.  
CONTRACT NUMBER:  
SPONSOR: DCSPER  
PERFORMER: CAA

PROJECT TITLE: SOLDIER SURVIVABILITY IN COMBAT MODELS.

PUIC: DAPEMNRO2  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: DCSPER  
PERFORMER:  
MOST OF THE PUBLISHED GUIDANCE ON SURVIVABILITY IS WRITTEN WITH THE SYSTEM HARDWARE IN MIND AND ONE HAS TO BROADLY INTERPRET THE LAW AND DOD GUIDANCE TO INCLUDE THE SOLDIER AS AN INTEGRAL PART OF THE WEAPON SYSTEM. THIS STUDY WILL DEVELOP SOLDIER FOCUSED GUIDANCE.

## **PROJECT TITLE:** Personnel Attrition Rates in Combat Operations - Phase 1

PUIC: CSCAMNO46 To assemble available data on personnel strengths and attrition rates in  
DTIC NUMBER: land combat operations. To prepare a comprehensive bibliography of this  
CONTRACT NUMBER: material, and to formulate plans for subsequent phases.  
SPONSOR: DUSA(OR)  
PERFORMER: CAA

**PROJECT TITLE: REGIONAL DETERRENCE OF NBC WEAPONS**

PUIC: DAMOMN001  
DTIC NUMBER:  
CONTRACT NUMBER: MDA90391D0030  
SPONSOR: DUSA(OR)  
PERFORMER: CAA  
REVIEW ELEMENTS OF DETERRENCE OF REGIONAL POWERS, ASSESS CAPABILITIES OF PRESENT POLICIES, STRATEGIES, FORCES AND WEAPONS TO DETER BY REGION; SUGGEST POLICY, STRATEGY, FORCE AND WEAPONS CHANGES MORE LIKELY TO DETER BY REGION THAN PRESENT EFFORTS.

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: EUSA-----

PROJECT TITLE: CHEONGSAN Northeast Pacific Political Military Game

PUIC: CSCAMN048  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: EUSA  
PERFORMER: CAA

Examines issues that may prompt the deployment of US ground forces to the Pacific Theater. Helps define initial state variables and boundary conditions for ground combat. Conventional arms, chemical warfare, and nuclear warfare are considered.

PROJECT TITLE: CHONGSHIN WARGAME

PUIC: CSCAMN047  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: EUSA  
PERFORMER: CAA

Assesses operation and contingency plan effectiveness for a ground war conducted in Korea. Game will be conducted in Seoul, Korea using a portable version of the Contingency Force Analysis Wargame. EUSA and Kor counter-parts will participate. The wargame assumes the initial state and boundary conditions determined in the CHEONGSAN PMG.

PROJECT TITLE: EUSA BASOPS REORGANIZATION

PUIC: FKRM0002  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: EUSA  
PERFORMER: EUSA

STUDY INTENDS TO ELIMINATE THE MSC FROM BASOPS RESPONSIBILITY, AND REDUCE THE NUMBER OF SUPPORT GROUPS FROM FOUR TO THREE. THE MACOM WILL INTERFACE DIRECTLY WITH THE REMAINING THREE SUPPORT GROUPS. CONSOLIDATION WILL REDUCE THE NUMBER OF MANPOWER AUTHORIZATIONS AND REQUIREMENTS.

PROJECT TITLE: Korean Reduction Study Pol/Mil Game

PUIC: CSCAMN051  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: EUSA  
PERFORMER: CAA

Explores verification issues pursuant to arms reduction agreements on the Korean Peninsula.

PROJECT TITLE: MANAGEMENT REVIEW OF EUSA MWR ORGANIZATION AND FUNCTIONS

PUIC: FKRM0001  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: EUSA  
PERFORMER: EUSA

THE PRIMARY FOCUS OF THE STUDY WAS TO CONDUCT A THOROUGH EXAMINATION OF THE MWR ORGANIZATION WITHIN EUSA. THE LACK OF POLICY AND DELINEATION OF DUTIES AND RESPONSIBILITIES HAS HINDERED THE ESTABLISHMENT OF AN EFFICIENT AND EFFECTIVE MWR STRUCTURE. STUDY WILL ELIMINATE LAYERING. THIRTY-ONE MANPOWER SPACES WILL BE SAVED. THIS EQUATES TO \$1.7 MILLION COST SAVINGS.

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: EUSA-----

PROJECT TITLE: N. Korean Obstacles, Fortifications, & Main Supply Routes

PUIC: CSCAMN049                  This study will assess the requirements necessary and capabilities available to neutralize north Korean fortifications through the demilitarized zone (DMZ) to points 30 kilometers north. Analysis will include identification of alternatives (including USAF and Navy capabilities) in technology, force structure, material requirements, etc.  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: EUSA  
PERFORMER: CAA

PROJECT TITLE: Second Low Intensity Conflict Analysis Workshop

PUIC: CSCAMN052                  Explores issues surrounding the conduct of low intensity conflict.  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: EUSA  
PERFORMER: CAA

PROJECT TITLE: Tactical Combat Samples and Linkage to TACWAR

PUIC: CSCAMN050                  The objective is to develop and test combat samples to calibrate TACWAR for Combined Forces Command, Korea.  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: EUSA  
PERFORMER: CAA

PROJECT TITLE: ARMY NATIONAL GUARD RESTRUCTURE DUE TO QUICKSILVER

PUIC: NGARF0005                  ARNG WILL TRANSITION IAW QUICKSILVER. CHALLENGE IS TO REDISTRIBUTE FORCE STRUCTURE AMONG STATES IN EQUITABLE FASHION. SOME STATES MAY LOSE AS MUCH AS 65% OF FORCE STRUCTURE. MUST REALIGN UNITS TO ACHIEVE PROPER BALANCE AND MIX. READINESS WILL BE BIGGEST CHALLENGE. MUST ASSESS IMPACT OF RETRAINING, RELOCATING EQUIPMENT, AND RESTRUCTURING MISSION ALIGNMENTS.  
DTIC NUMBER:  
CONTRACT NUMBER: DAHA9091D0001  
SPONSOR: NGB  
PERFORMER: Stnd Tech Inc

PROJECT TITLE: ARNG HARDSKILL ANTIDEGREDATION AS SUPPLEMENTATION TO FULL TIME SPT

PUIC: NGARML003                  ARNG SOLDIERS WITH HARD SKILL(EG EC ELECTRONIC MAINTAINERS, MISSILE MAINTAINERS) SUFFER MORE SKILL LOSS THAN SOFTER SKILLS(COOKS). UNITS REQUIRE SKILLS FOR THEIR MOBILIZATION MISSION. STUDY WILL IDENTIFY "HARD SKILLS" REQ EXTRA TRAINING & HOW MUCH LINE UP WITH FULL TIME SPT REQ AND RECOMMEND ADDITIONAL TNG ASSEMBLIES NEEDED FOR THESE SOLDIERS (LIKE AVE AFTP).  
DTIC NUMBER:  
CONTRACT NUMBER: DAHA909100001  
SPONSOR: NGB  
PERFORMER: Stnd Tech Inc

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: NGB-----

PROJECT TITLE: ENVIRONMENTAL EFFECT ON TRNG, MOB & DEPLOYMENT OF FORCE STRUCTURE

PUIC: NGARMN002  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: NGB  
PERFORMER: Stnd Tech Inc

IDENTIFY ENVIRONMENTAL CONSTRAINTS (INCORPORATE DOD AND STATE DATA BASES) TO UNIT TRAINING, MOBILIZATION AND DEPLOYMENT. INCORPORATE IN ARNG FORCE STRUCTURE DISTRIBUTION MODEL. ENSURES UNITS ARE STATIONED TO MOST ECONOMICALLY TRAIN, MOBILIZE AND DEPLOY WHILE COMPLYING WITH ENVIRONMENTAL CONSTRAINTS.

PROJECT TITLE: PROJ OF ARNG MIL TECH/AGR MPR REQ/FUNCT & SKILL LVL THRU OUTYEARS

PUIC: NGARMN001  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: NGB  
PERFORMER: Stnd Tech Inc

CURRENTLY NO WRKLOAD DRVN REQ PROJ BASED ON PLANNED TRP STRUCTURE/STATIONING OF MILTECH/AGR FULL TIME SUPPORT (FTS) OF ARNG. ACCURATE/TIMELY PROJ OF FTS MPR REQ FOR PROJ/REVISED ARNG MISSIONS & UNIT STSTRUCTURE/STATIONING CANNOT BE DONE. EASY TO PROJECT TOO MUCH/LITTLE FTS FOR PROPOSALS. IMPACTS UNFAVORABLY ON CAP TO PRODUCE REQ RESULTS OR EFFICIENT UTIL OF RESOURCES.

PROJECT TITLE: STARC/J SAC FULL-TIME MPWR REQ TO SUPT CONT FORCE/DIR DEPLOY UNITS

PUIC: NGARMN010  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: NGB  
PERFORMER: Stnd Tech Inc

NOW NO VALIDATED/PROJECTED MANPOWER REQUIREMENTS TO SUPPORT STARC/J SAC MISSION FOR MOB/DEPLOYMENT OF CONTINGENCY FORCE, DIRECT DEPLOYMENT UNITS & LAND DEFENSE OF CONUS. MISSION NOT CURRENTLY ADDRESSED BY ARMY BASE FORCE PHILOSOPHY, REQ TO ADDRESS RESOURCE COSTS. FAILURE COULD CAUSE FAULTY DECISIONS ON CAPABILITY OF RC TO SUPPORT MOBILIZATION AND DEPLOYMENT.

PROJECT TITLE: DECISION SUPPORT FOR ARMY ACQUISITION PROGRAM

PUIC: DACSDN004  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: OCSA-PAE  
PERFORMER: TRAC

Develop assessment procedures and methods for prioritization of Army acquisition programs. Derive data formats and develop computer models to synthesize the assessment of information and generation of reports. Implement upgrades of capital allocation software. Study is a complementary effort to the Value Added Analysis.

PROJECT TITLE: Evaluation of the MDEP Architecture

PUIC: CSCAMN053  
DTIC NUMBER: DA332046  
CONTRACT NUMBER:  
SPONSOR: OCSA-PAE  
PERFORMER: CAA

To determine whether MDEP (Management Decision Packages) development, management, and usage in the Army can be improved; and if so, how?

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: OCSA-PAE-----

PROJECT TITLE: RECONSTITUTION

PUIC: DACSDN002      Determine the impacts on the U.S. Army's reconstitution mission of various  
DTIC NUMBER:            modernization options. Study will examine warfighting risks, dollar  
CONTRACT NUMBER:        savings and effects of AC drawdown and RC restructuring on Army's ability  
SPONSOR: OCSA-PAE        to execute reconstitution and conduct operations on future battlefields.  
PERFORMER:

PROJECT TITLE: Test, Evaluation, and Modeling of ABRAMS

PUIC: CSCAMN054      Conduct a sustainability analysis of the M1A1 fleet in a division level  
DTIC NUMBER:            campaign using the Combat Analysis Sustainability Model (CASMO). The  
CONTRACT NUMBER:        effort will emphasize model validation. The expansion of the model's  
SPONSOR: OPTEC           M1A1 database and completion of model enhancements by contract effort  
PERFORMER: CAA           are subtasks of the study.

PROJECT TITLE: ARMAMENT ENHANCEMENT INITIATIVES RISK ASSESSMENT

PUIC: ARTMAL001      THE PURPOSE OF THIS EFFORT IS TO PROVIDE SUPPORT IN THE  
DTIC NUMBER: 0           DEVELOPMENT OF RISK ANALYSES FOR THE ARMAMENT ENHANCEMENT INITIATIVES  
CONTRACT NUMBER: DAAA2190D0015 (AEI)  
SPONSOR: PEO ARMTS  
PERFORMER: HILTON, INC

PROJECT TITLE: DEVELOP TQM APPROACH TO ORG MGT OF PALADIN PRODUCTION PROGRAM

PUIC: ARHIPL002      SERVICES PROVIDED TO DEVELOP, IMPLEMENT, AND REFINE TQM APPROACH TO A  
DTIC NUMBER:            COMPREHENSIVE OPERATIONS MANAGEMENT PROGRAM IN THE ORGANIZATIONAL MANAGE-  
CONTRACT NUMBER: DAAA2191F054 MENT AND CONTROL OF THE M109A6 PRODUCTION PROGRAM. SUPPORT TO INCLUDE  
SPONSOR: PEO ARMTS      TAILORING THE DEFENSE SYSTEMS MANAGEMENT COLLEGE PERFORMANCE IMPROVEMENT  
PERFORMER: PRC INC.      MODEL FOR APPLICATION TO PALADIN MANAGEMENT.

PROJECT TITLE: MODELING STUDY TO DEMONSTRATE ROC ACHIEVEMENT

PUIC: ARSADL002      PROVIDE A COMPREHENSIVE MODELING EFFORT TO DEMONSTRATE ACHIEVEMENT OF  
DTIC NUMBER:            ROC REQUIREMENTS IN PRESENCE OF WEATHER AND CLUTTER.  
CONTRACT NUMBER: DAAA2190D0006  
SPONSOR: PEO ARMTS  
PERFORMER: IITRI

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-SPONSOR: PEO ARMTS

## **PROJECT TITLE: SUPPORT OF RISK ANALYSIS**

**PROJECT TITLE: SUPPORT OF RISK ANALYSIS**

PUIC: ARMCOM002      CONTRACT PROVIDES RISK ANALYSIS, UPDATING OF TECHNICAL/PROGRAMMATIC  
DTIC NUMBER:            EVALUATIONS AND ANALYSES, AND MANAGEMENT INFORMATION SYSTEMS SUPPORT.  
CONTRACT NUMBER:  
SPONSOR: PEO ARMTS  
PERFORMER: TRESP ASSOC

PROJECT TITLE: SUPPORT OF RISK ANALYSIS, TECHNICAL EVALUATIONS

PUIC: ARSADM003 PROVIDE RISK ANALYSIS, UPDATING OF TECHNICAL/PROGRAMMATIC EVALUATIONS  
DTIC NUMBER: AND ANALYSES, AND MANAGEMENT INFORMATION SYSTEMS SUPPORT.  
CONTRACT NUMBER: DAAA0987G0022  
SPONSOR: PEO ARMTS  
PERFORMER: NOMURA

PROJECT TITLE: SUPPORT OF RISK ANALYSIS, TECHNICAL EVALUATIONS

PUIC: ARSADM004  
DTIC NUMBER:  
CONTRACT NUMBER: DAAA2192D0002  
SPONSOR: PEO ARMTS  
PERFORMER: CONTRACTOR  
PROVIDE RISK ANALYSIS, UPDATING OF TECHNICAL/PROGRAMMATIC EVALUATIONS AND ANALYSES, AND MANAGEMENT INFORMATION SYSTEMS SUPPORT.

PROJECT TITLE: 105MM DPICM COFA

PUIC: ATFCN007  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: FAS

THE CURRENT FAMILY OF PROJECTILES IS INADEQUATE TO SATISFY THE NEEDS OF THE LIGHT FORCE. THIS STUDY WILL COMPARE THE DPICM PROJECTILE WITH ALTERNATIVE MUNITIONS. STUDY WILL ADDRESS FORCE STRUCTURE IMPLICATIONS OF NOT DEVELOPING A 105MM DPICM ALONG WITH ITS COST/EFFECTIVENESS.

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

--SPONSOR: TRADOC

**PROJECT TITLE: 120MM MORTAR POST FIELDING TRAINING/SAFETY ANALYSIS**

**PUIC:** ATSHEN001      **DTIC NUMBER:** THE 120MM BATTALION MORTAR SYSTEM WILL BE DEPLOYED TO SUPPORT DISMOUNTED AND MECHANIZED INFANTRY UNITS. STUDY WILL EVALUATE WHETHER THE VALIDATED TRAINING METHODOLOGY HAS THE DESIRED TRAINING EFFECT IN THE FIELD AS IT HAD DURING ITS VALIDATION TRIALS.  
**CONTRACT NUMBER:**  
**SPONSOR:** TRADOC  
**PERFORMER:** INF'S

PROJECT TITLE: 1M RESOLUTION LOS

**PUIC:** ATCRN002      **THIS STUDY WILL INCREASE THE ACCURACY OF MODEL LINE-OF-SIGHT CAPABILITIES**  
**DTIC NUMBER:**            **THROUGH INTEGRATION OF 1 METER TERRAIN RESOLUTION TERRAIN. WORK WILL**  
**CONTRACT NUMBER:**        **FOCUS ON INTEGRATION OF FT HUNTER LIGGETT TERRAIN INTO JANUS. RESULTS**  
**SPONSOR:** TRADOC        **WILL BE EVENTUALLY BE USEFUL TO OTHER MODELS AS WELL.**  
**PERFORMER:** T/MTRY

**PROJECT TITLE:** 3D TERRAIN VISUALIZATION

PUIC: ATRCRM005  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/MTRY

COMBINES EXISTING 3D GRAPHICS TECHNOLOGIES INTO CURRENT HIGH RESOLUTION MODEL JANUS(A). OUTCOME WILL DEMONSTRATE THE BENEFITS OF 3D MODELING AS AN ENHANCEMENT TO EXISTING COMBAT MODELS FOR TRAINING AND ANALYTICAL APPLICATIONS.

**PROJECT TITLE: 44E MACHINIST VOTEC FEASIBILITY STUDY**

PUIC: ATSLDN001 DETERMINE FEASIBILITY OF ADDING MOS 44E (MACHINIST) TO THE LIST OF MOS'S THAT ARE CANDIDATES FOR VOTECH TRAINING. ANALYZE COSTS ASSOCIATED WITH ALTERNATIVE TRAINING STRATEGIES AND CONCEPTS TO REDUCE TRAINING COSTS.  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: ORDS

PROJECT TITLE: 50 TON FUTURE MAIN BATTLE TANK

PUIC: ATSBNC001  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: ARMC

ANALYSIS WILL EXAMINE TRADEOFF ISSUES NECESSARY TO ACHIEVE A 50 TON TANK.  
TACOM WILL PROVIDE TANK CONCEPTS; GROUNDWARS & CASTFOREM WILL BE USED TO  
EVALUATE TRADEOFFS SUCH AS LETHALITY, SURVIVABILITY & CREW SIZE. GOAL IS  
TO USE MODELING TO IDENTIFY BEST 50 TON TANK CONCEPT.

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: TRADOC-----

PROJECT TITLE: 63B10 LIGHT WHEELED VEHICLE MECHANIC VOTEC PILOT STUDY PH II

PUIC: ATRCWM001                    THIS STUDY WILL DETERMINE IF AIT TRAINING CAN BE REDUCED FOR VOTEC  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/LEE

RECRUITS AND STILL PRODUCE A QUALIFIED 63B10 MECHANIC. RESULTS OF STUDY  
WILL PROVIDE INFORMATION ON THE COST AND TRAINING UTILITY OF USING VOTEC  
PROGRAMS AS SUBSTITUTES FOR PART OF ARMY TRAINING.

PROJECT TITLE: 94B10 FOOD SERVICE SPECIALIST VOTEC CTEA

PUIC: ATRCLN001                    DETERMINE IF EXISTING SECONDARY/POST-SECONDARY FOOD SERVICE VOTEC PROGRAMS  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/LEE

ARE VIABLE OPTIONS TO ARMY SERVICE SCHOOL TRAINING. THE RESULTS OF THE  
STUDY WILL BE INFORMATION ON THE COST AND TRAINING EFFECTIVENESS OF USING  
VOTEC PROGRAMS AS SUBSTITUTES FOR ARMY TRAINING.

PROJECT TITLE: ADA FORCE STRUCTURE AND MODERNIZATION ANALYSIS

PUIC: ATSAMC004                    STUDY WILL EXAMINE THE CAPABILITIES AND REQUIREMENTS FOR ARMY ADA FORCES  
DTIC NUMBER:  
CONTRACT NUMBER: MDA903-91D-00  
SPONSOR: TRADOC  
PERFORMER: ADA

AND PROVIDE INPUT TO THE ADA SUBSET OF THE TOTAL ARMY ANALYSIS (TAA) 2001  
REPORT.

PROJECT TITLE: ADA RESERVE COMPONENT TEA

PUIC: ATSAAM001                    THIS STUDY WILL EVALUATE CURRENT TRAINING, SOLDIER PROFICIENCY & TRAINING  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: ADA

ENVIRONMENT AS CONTRIBUTING FACTORS FOR MOBILIZATION OF RESERVE UNITS.  
ASSESSMENT WILL ADDRESS UNIT READINESS TRAINING, STRAC REQUIREMENTS, AND  
WEAPON SYSTEM DIFFERENCE AS COMPARED TO ACTIVE ARMY ADA COMPONENTS.

PROJECT TITLE: ADVANCED ANTITANK WEAPON SYSTEM-MEDIUM (AAWS-M) CTEA

PUIC: ATSHTL001                    STUDY WILL EXAMINE THREE INITIAL TRAINING PROGRAMS FOR THE AAWS-M GUNNER.  
DTIC NUMBER: DA332262  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/WSMR

DATA WILL BE OBTAINED FROM THE TRAINING FDTE IN ORDER TO RECOMMEND A  
TRAINING PROGRAM TO BE USED IN IOTE AND FORMS A BASIS FOR NET,  
INSTITUTIONAL, AND UNIT PROGRAMS.

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: TRADOC-----

PROJECT TITLE: ADVANCED FIELD ARTILLERY SYSTEM (AFAS) REQUIREMENTS STUDY

PUIC: ATSFCH015                    THIS STUDY EXAMINES PROPOSED PERFORMANCE CHARACTERISTICS OF THE AFAS-C  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: FAS                    AND DETERMINES IF REFINEMENTS ARE REQUIRED IN THE ORGANIZATIONAL AND OPERATIONAL CONCEPT, DOCTRINE AND LOGISTICAL FORCE STRUCTURE. ANALYSIS WILL PROVIDE INPUT TO AN MS I COEA REVIEW SCHEDULED FOR FY94.

PROJECT TITLE: ADVANCED FIELD ARTILLERY SYSTEM-CANNON TIA

PUIC: ATRCWM023                    STUDY WILL EXAMINE THE TRAINING IMPACT OF FIELDING THE AFAS-C, WHICH IS  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/WSMR                    A PROPOSED REPLACEMENT FOR THE 155MM HOWITZER. CONCEPTUAL TRAINING DEVICES FOR AFAS-C WILL BE IDENTIFIED. THE MS I DECISION IS SLATED FOR FOURTH QUARTER OF FY 94.

PROJECT TITLE: ADVANCED TARGET ACQUISITION COUNTERFIRE SYSTEM SOA

PUIC: ATFCN011                    STUDY WILL PROVIDE ANALYTIC RATIONALE FOR, AS WELL AS TECHNICALLY  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: FAS                    DOCUMENT, THE SYSTEM CONCEPTS WHICH ARE CANDIDATES TO SATISFY THE STATED REQUIREMENTS. SPECIFIC ISSUES INCLUDE RANGE, MOBILITY, TRANSPORTABILITY, SURVIVABILITY. STUDY RESULTS WILL SUPPORT FUTURE COEA EFFORTS.

PROJECT TITLE: ADVANCING THE STATE OF THE ART IN DIS

PUIC: ATRCFM006                    EXPLORE TECHNICAL ISSUES AND SOLVE ARCHITECTURAL/ENVIRONMENTAL PROBLEMS IN  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/OAC                    USING A CORPS LEVEL SIMULATION TO PROVIDE THE COMBAT/SCENARIO CONTEXT FOR THE ARMY'S DISTRIBUTED INFO SIMULATION (DIS) PROGRAM, BATTLEFIELD DISTRIBUTED SIMULATION-DEVELOPMENTAL (BDS-D). MODIFY EAGLE FOR THIS ROLE.

PROJECT TITLE: AFAS, FARV-A, AND FAAPS SOA

PUIC: ATFCN002                    STUDY WILL CONDUCT A TRADE-OFF ANALYSIS OF THE FAAPS TO SATISFY AMMUNITION  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: FAS                    LOGISTICS REQUIREMENTS. STUDY WILL ADDRESS AFAS REQUIRED PERFORMANCE CHARACTERISTICS, MAXIMUM ALLOWABLE WEIGHT, ETC. STUDY RESULTS WILL BE USED TO SUPPORT COEA EFFORTS.

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

--SPONSOR: TRADOC

PROJECT TITLE: AFAS-C/FARV-A COEA

**PUIC:** ATRCMSM009      **STUDY WILL DETERMINE THE COST EFFECTIVENESS OF ALTERNATIVES AVAILABLE TO**  
**DTIC NUMBER:**                  **MEET FUTURE FIELD ARTILLERY CANNON FIRE SUPPORT MISSION. INTEGRAL TO THIS**  
**CONTRACT NUMBER:**            **ANALYSIS IS THE DETERMINATION OF THE PREFERRED ALTERNATIVE FOR CONDUCTING**  
**SPONSOR:** TRADOC            **BATTLEFIELD RESUPPLY OF AMMUNITION.**  
**PERFORMER:** T/SAC

**PROJECT TITLE: AFATDS SOFTWARE REQUIREMENTS STUDY**

PUIC: ATSFCL003 AFATDS IS CURRENTLY IN FULL SCALE DEVELOPMENT. RESULTS OF THIS STUDY WILL  
DTIC NUMBER: IDENTIFY ADDITIONAL SOFTWARE REQUIREMENTS AND WILL BE USED IN A COEA /  
CONTRACT NUMBER: UPDATE. MS III REVIEW IS SCHEDULED FOR 3QFY94.  
SPONSOR: TRADOC  
PERFORMER: FAS

PROJECT TITLE: AH-64 INTEGRATED CREW SUSTAINMENT TRAINING, TDS, PHASE II

PUIC: ATZQDN001  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: AVNC  
ADDRESS DEFICIENCY FOR UNITS NOT CO-LOCATED WITH AN AH-64 CMS. WILL ANALYZE QUANTITATIVE AND QUALITATIVE DATA FOR CREW SUSTAINMENT TRAINING TASKS. STUDY WILL BE DONE IN 3 PHASES. WILL RECOMMEND THE MOST COST AND TRAINING-EFFECTIVE MEDIUM FOR CONDUCTING AH-64 CREW SUSTAINMENT TRAINING.

**PROJECT TITLE: AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) REQUIREMENTS STUDY**

**PUIC:** ATZQCL013      **TO ASSESS THE CURRENT AND PROJECTED SURVIVABILITY OF FLEET HELICOPTERS IN**  
**DTIC NUMBER:** DA339358      **ORDER TO REPRIORITIZE AVIATION BRANCH REQUIREMENTS FOR ASE EQUIPMENT.**  
**CONTRACT NUMBER:**  
**SPONSOR:** TRADOC  
**PERFORMER:** AVNC

**PROJECT TITLE: AIRLAND OPERATIONS FORCES STUDY**

**PUIC:** ATZLCM001      **THE STUDY WILL EXAMINE FORCE DESIGNS; ANALYSIS WILL INCLUDE PRIOR EFFORTS**  
**DTIC NUMBER:** DA329063      **AND EVALUATE CAPABILITIES OF ALTERNATIVE ORGANIZATIONAL DESIGNS, WEAPON**  
**CONTRACT NUMBER:** DABT60-89-D16      **MIXES, DEPLOYMENT, EXISTING PROGRAMS.**  
**SPONSOR:** TRADOC  
**PERFORMER:** CAC/CD

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-SPONSOR: TRADOC

**PROJECT TITLE: AIRLIFT CARGO REQUIREMENTS STUDY**

PROJECT TITLE: AIRLIFT CARGO TIA

PUIC: ATZQTM002  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: AVNC

THIS STUDY IS TO BE CONDUCTED CONCURRENTLY WITH THE CORRESPONDING COMBAT DEVELOPMENT EFFORT. THE PURPOSE IS TO ASSESS THE IMPACT OF MODIFICATIONS TO THE CH-47D ON OPERATOR/MAINTAINER AND SUPPORT TRAINING SUBSYSTEMS TO DETERMINE WHETHER ADJUSTMENTS SHOULD BE MADE IN MAJOR TNG DEVELOPMENTS.

PROJECT TITLE: ALL SOURCE ANALYSIS SYSTEM BLOCK II COFA

PUIC: ATRCSL010  
DTIC NUMBER: DA330041  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/OAC

PERFORM A LIMITED COEA TO SUPPORT AN ABBREVIATED DAB DECISION TO AWARD A DEVELOPMENTAL CONTRACT FOR BLOCK II ASAS. THE LIMITED COEA WILL BE IN THE FORM OF A COST BENEFIT ANALYSIS.

PROJECT TITLE: ALL-TERRAIN TETHER ARTICULATED SYSTEM SOA

PUIC: ATSMCK007 TO DETERMINE THE SOA NECESSARY TO IDENTIFY REQUIREMENTS TO MEET MDR II/III  
DTIC NUMBER: IN THE ACQUISITION OF ALL-TERRAIN LIFTER ARTICULATED SYSTEM THAT WILL MEET  
CONTRACT NUMBER: BFMA DEFICIENCIES IN OPERATION WITHIN NBC ENVIRONMENT & CAPABLE TO  
SPONSOR: TRADOC RELOCATE ON THE BATTLEFIELD.  
PERFORMER: DMCS

## PROJECT TITLE: ANALYSIS OF FUTURE JANUS(A) SYSTEM REQUIREMENTS

**PUIC:** ATRCRJ012      **EXAMINE FEASIBILITY OF HOSTING JANUS ON UNIX/RISC COMPUTER. TO EXAMINE**  
**DTIC NUMBER:** DA318602      **POTENTIAL FOR USING X WINDOW TERMINALS FOR JANUS GRAPHICS & INVESTIGATE**  
**CONTRACT NUMBER:**      **SOFTWARE DEVELOPMENT TECHNIQUES TO IMPROVE PROGRAMMING INTERFACE.**  
**SPONSOR:** TRADOC      **CONTINUE RESEARCH TO DEVELOP PROTOTYPE MODEL BY FY94.**  
**PERFORMER:** T-1/HSMR

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: TRADOC-----

PROJECT TITLE: ANALYSIS OF SIGNATURE REDUCTION REQUIREMENTS

PUIC: ATRCWN004                    DEFINE THE TYPES AND AMOUNTS OF SIGNATURE REDUCTION REQUIRED TO INCREASE  
DTIC NUMBER:                        THE EFFECTIVENESS AND SURVIVABILITY OF SYSTEMS AND THE FORCE. INVESTIGATE  
CONTRACT NUMBER:                  AND QUANTIFY THE VALUE OF SIGNATURE REDUCTION IN THE DIRECT FIRE BATTLE.  
SPONSOR: TRADOC  
PERFORMER: T/WSMR

PROJECT TITLE: ANALYTIC SUPPORT FOR CBRS CYCLE 96-10

PUIC: ATZLCLO04                    ANALYSIS IS REQUIRED TO SUPPORT THE DEVELOPMENT OF CRITICAL CAPABILITY  
DTIC NUMBER:                        ISSUES BY TRADOC SCHOOLS/CENTERS. ANALYSIS WILL INCLUDE SIMULATION AND  
CONTRACT NUMBER: DABT60-89-D16    DECISION SUPPORT TECHNIQUES IN THE EVALUATION OF MODERNIZATION ISSUES AND  
SPONSOR: TRADOC                    ALTERNATIVES. RESULTS WILL ASSIST IN ALLOCATING ARMY RDA FUNDS TO MDEPS.  
PERFORMER: T/OAC

PROJECT TITLE: ANALYTIC SUPPORT TO BATTLEFIELD DYNAMICS WORKING GROUP

PUIC: ATRCFN005                    PROVIDE ANALYTIC SUPPORT TO BATTLE LABS ORGANIZED UNDER THE TRADOC DCSCDD  
DTIC NUMBER:                        BATTLEFIELD DYNAMICS WORKING GROUP CONCEPT. ASSIST BATTLE LABS CLARIFY  
CONTRACT NUMBER:                  BATTLEFIELD NEEDS, DEVELOP CONCEPTS AND EVALUATE ABILITY OF PROPOSED  
SPONSOR: TRADOC                    SYSTEMS TO MEET NEEDS WITHIN CBRS.  
PERFORMER: T/OAC

PROJECT TITLE: ANALYTIC SUPPORT TO LA MANEUVERS TASK FORCE

PUIC: ATRCFN001                    PROVIDE ANALYTIC AND SIMULATION SUPPORT FOR THE LOUISIANA MANEUVERS. THIS  
DTIC NUMBER:                        SUPPORT WILL INCLUDE FULL PARTICIPATION IN THE MODEL-EXERCISE-MODEL  
CONTRACT NUMBER:                  ACTIVITIES AND ANALYSIS OF MODEL-EXERCISE-MODEL RESULTS.  
SPONSOR: TRADOC  
PERFORMER: T/OAC

PROJECT TITLE: APPLIED OBJECT DATABASE MANAGEMENT SYSTEM

PUIC: ATRCFN013                    DETERMINE THE SUITABILITY AND FEASIBILITY OF USING AN ODBMS AS A POST-  
DTIC NUMBER:                        PROCESSOR AND CONSTRUCT AN AUTOMATED LINKAGE TO A NON-OBJECT-ORIENTED  
CONTRACT NUMBER:                  APPLICATION (VIC). APPLY THIS RESEARCH THROUGH DEVELOPMENT OF A VIEWS  
SPONSOR: TRADOC                    POST-PROCESSOR AND AUTOMATED LINKAGE OF IEW MODEL HI-RES RESULTS AND VIC.  
PERFORMER: T/OAC

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----  
SPONSOR: TRADOC  
-----

PROJECT TITLE: ARMOR 1996-2010

PUIC: ATZKTN001                    THIS STUDY WILL DETERMINE WHAT CAPABILITIES WILL BE REQUIRED OF ARMOR  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: ARMC  
BRANCH ON FUTURE BATTLEFIELDS IN THE PERIOD 1996-2010. IT WILL ALSO  
EXAMINE LESSONS LEARNED FROM DESERT SHIELD AND DESERT STORM.

PROJECT TITLE: ARMOR 2000 TRAINING STUDY

PUIC: ATSBTL005                    AN ARMOR CENTER INITIATIVE, THIS STUDY INVESTIGATES THE IMPACTS OF AIRLAND  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: ARMC  
OPERATIONS ON UNIT, INSTITUTIONAL, AND ARMOR CENTER TRAINING STRATEGIES  
FOR THE NEXT 15 YEARS. ANALYSIS WILL INCLUDE STRATEGIES FOR AC AND RC  
COMPONENTS.

PROJECT TITLE: ARMOR INDIVIDUAL/COLLECTIVE TASK RETENTION STUDY

PUIC: ATSBTN001                    STUDY WILL INVESTIGATE ARMOR INDIVIDUAL AND COLLECTIVE TASK RETENTION.  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: ARMC  
PRODUCT WILL BE ESTIMATES OF TASK RETENTION WHICH CAN BE USED TO IDENTIFY  
TASK AND TIME PERIODS FOR PERIODIC REFRESHER TRAINING.

PROJECT TITLE: ARMOR TRAINING STRATEGY STUDY

PUIC: ATSBTL002                    INVESTIGATE THE COST EFFECTIVENESS OF MOVING FROM A DEVICE-BASED TO A  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: ARMC  
DEVICE-SUPPORTED TRAINING STRATEGY. USING THE CURRENT STRATEGY AS THE  
BASE LINE, ANALYZE COST IMPACTS IN TERMS OF BLTM, STRAC, AND OPTEMPO  
SAVINGS. SCOPE WILL INCLUDE COMBINED ARMS AND TANK BATTALION TASK FORCES.

PROJECT TITLE: ARMORED BN RECOVERY & MAINT SIMULATION (ARMSIM) MODEL DEV

PUIC: ATSLCL001                    TO CREATE A SIMULATION MODEL TO STUDY MAINTENANCE CONCEPTS AND DOCTRINE.  
DTIC NUMBER: DA329020  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: ORDS  
TO MODEL RECOVERY AND MAINTENANCE VEHICLE RESPONSIVENESS TO DEMAND AND  
TACTICAL CONDITIONS. OFFENSIVE, DEFENSIVE, AND RETROGRADE OPNS WILL BE  
MODELLED ON THE NBC BATTLEFIELD. SMOKE AND MINE WARFARE WILL BE MODELLED.

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: TRADOC-----

PROJECT TITLE: ARMORED GUNNERY TABLES STUDY

PUIC: ATSBTM004  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: ARMC

STUDY WILL UPDATE CURRENT TRAINING STRATEGY GUNNERY TABLES TO A FUTURE OR DEVICE BASED SCENARIO. CURRENT TABLES HAVE BEEN IN USE FOR 10 YEARS AND NEED TO BE MODIFIED TO MAXIMIZE THE CAPABILITIES OF CURRENT AND FUTURE TANKS. INTEGRATE THE TADSS PROJECTED FOR FIELDING OVER NEXT 5 YEARS

PROJECT TITLE: ARMY ANALYST WORK STATION

PUIC: ATRCWM022  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/SAC

DEVELOP ANALYST WORK STATION (AWS) TO ASSIST ANALYSTS IN LOADING, RUNNING, AND ANALYSIS OF A COMBAT SIMULATION. RESEARCH WILL LOOK INTO NEURAL NETWORKS TO REPLACE SOME DECISION TABLES IN CASTFOREM, TO PROVIDE MEANS TO MONITOR PROGRESS OF A BATTLE, AND TO IMPROVE OUTPUT PROCESSING.

PROJECT TITLE: ARMY AVIATION DEHUMIDIFICATION SYSTEM (AADS) COEA

PUIC: ATSQLM001  
DTIC NUMBER:  
CONTRACT NUMBER: N/A  
SPONSOR: TRADOC  
PERFORMER: AVLG

STUDY WILL ANALYZE REQUIREMENTS FOR A SYSTEM TO REDUCE HUMIDITY IN AIRCRAFT PILOT COMPARTMENT, AVIONICS AND SELECTED EQUIPMENT BAYS. ANALYZE BENEFIT, EFFECTIVENESS, AND COST OF ALTERNATIVES. A CONCEPT FORMULATION PACKAGE WILL BE DONE TO SUPPORT THE REQUIREMENTS.

PROJECT TITLE: ARMY PALLETIZED LOAD SYSTEM (PLS) ANALYSIS

PUIC: ATRCLM005  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/LEE

THIS STUDY SUPPORTS A TOTAL ARMY PLS ANALYSIS TO SUPPORT THE NEXT LRAMRP/LRRDAP BUILD IN 1993. THE ANALYSIS WILL DEFINE THE COST EFFECTIVE TOTAL ARMY (ACTIVE, NATIONAL GUARD AND RESERVE) USES OF THE PLS.

PROJECT TITLE: ASAS FORCE EFFECTIVENESS STUDY

PUIC: ATRCFN010  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/OAC

STUDY WILL ANALYZE ASAS CONTRIBUTION TO IEW STAFF PERFORMANCE AND OVERALL FORCE EFFECTIVENESS. ASAS WILL EVALUATE BOTH DIVISION AND CORPS LEVEL IN CONTEXT OF SUPPORTING A CORPS CAMPAIGN. SUPPORT TO THE FORCE COMMANDER AND INTEROPERABILITY BETWEEN IEW SYSTEMS & ATCCS APPL WILL BE EVALUATED.

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

--SPONSOR: TRADOC

**PROJECT TITLE: ASSESSMENT OF THE AH-64 BN AUGMENTATION CO (USAR) STUDY**

PUIC: ATZLCL008  
DTIC NUMBER: DA328966  
CONTRACT NUMBER: DABT60-89-D16  
SPONSOR: TRADOC  
PERFORMER: CAC/CD

STUDY WILL OBSERVE IMPLEMENTATION & OPERATION OF A USAR AUGMENTATION CO FOR AN AC ATTACK (AH-64) HELICOPTER BN. RESULTS OF STUDY WILL BE USED TO DETERMINE IF ALL ACTIVE COMPONENT AH-64 BNS SHOULD BE AUGMENTED, THE CORRECT COMPOSITION OF THE USAR CO, AND ASSESS MERITS AND DEFICIENCIES.

**PROJECT TITLE: ATTACK/RECONNAISSANCE AIRCRAFT ARMAMENT REQUIREMENTS STUDY**

PUIC: ATZQCL012  
DTIC NUMBER: DA328988  
CONTRACT NUMBER: DABT60-90-D00  
SPONSOR: TRADOC  
PERFORMER: AVNC  
TO INVESTIGATE THE PERFORMANCE OF CURRENT US ARMY AVIATION ARMAMENT SYSTEMS VERSUS CURRENT AND FUTURE THREATS. EVALUATE FUTURE ARMY AVIATION ARMAMENT SYSTEMS.

PROJECT TITLE: AUTOMATED JANUS-TO-CASTFOREM LINKAGE

PUIC: ATRCWN006  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: I/HNSMR  
DEVELOP A SET OF AUTOMATED LINKAGE PROCESSORS AND PROCEDURES THAT WOULD  
FACILITATE THE INTEGRATION OF A JANUS SCENARIO INTO CASTFOREM. THIS WILL  
SUPPORT PRE-TEST MODELING PHASE OF M-T-M AND IN ACHIEVING COEA AND T&E  
LINKAGE.

PROJECT TITLE: AUTOMATED MAINTENANCE MANAGEMENT SYSTEM COEA

PUIC: ATSLCH002  
DTIC NUMBER: DA328951  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: ORDS  
THE NEED HAS BEEN IDENTIFIED TO AUTOMATE COLLECTION OF HISTORICAL AND LOGISTICAL RECORDS KEPT ON ARMY EQUIPMENT. THIS STUDY IS REQUIRED TO SUPPORT A DECISION BETWEEN AVAILABLE ALTERNATIVES.

PROJECT TITLE: AUTOMATED MAINTENANCE MANAGEMENT SYSTEM SOA

PUIC: ATSLCK001  
DTIC NUMBER: DA328952  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: ARDS  
THE NEED TO AUTOMATE COLLECTION OF HISTORICAL AND LOGISTICAL RECORDS KEPT ON ARMY EQUIPMENT HAS BEEN IDENTIFIED. THIS STUDY WILL DEFINE THE TRADE-OFFS AMONG THE AVAILABLE MATERIEL ALTERNATIVES.

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: TRADOC-----

PROJECT TITLE: AVENGER ADA MISSILE SYSTEM TEA

PUIC: ATSAAN002                    THIS STUDY WILL EVALUATE THE AVENGER SOLDIER'S PROFICIENCY, UNIT READINESS  
DTIC NUMBER:                        AND IDENTIFY ANY FACTORS WHICH ADVERSELY IMPACT ON THESE CHARACTERISTICS.  
CONTRACT NUMBER:                  THE STUDY SAMPLE WILL INCLUDE SOLDIERS FROM THE FIRST FIVE OR SIX UNITS  
SPONSOR: TRADOC                    DEPLOYED.  
PERFORMER: ADA

PROJECT TITLE: AVIATION C3 REQUIREMENTS STUDY - PHASE I

PUIC: ATZQCL002                    DETERMINE THE AVIATION C2 REQUIREMENTS FROM THE AIRCRAFT THROUGH THE  
DTIC NUMBER: DA339361              BRIGADE LEVEL.  
CONTRACT NUMBER: DABT60-90-D00  
SPONSOR: TRADOC  
PERFORMER: AVNC

PROJECT TITLE: AVIATION C3 TRAINING DEVELOPMENT STUDY

PUIC: ATZQTM005                    THE PURPOSE OF THE STUDY WILL BE TO ASSESS THE TRAINING IMPLICATIONS  
DTIC NUMBER:                        ASSOCIATED WITH C3 REQUIREMENTS BEING CONSIDERED IN THE CURRENT COMBAT  
CONTRACT NUMBER:                  DEVELOPMENT EFFORT.  
SPONSOR: TRADOC  
PERFORMER: AVNC

PROJECT TITLE: AVIATION UAVS LETHAL/NONLETHAL REQUIREMENTS STUDY

PUIC: ATZQCM001                    TO DETERMINE ARMY AVIATION REQUIREMENTS FOR UAVS, LETHAL AND NONLETHAL,  
DTIC NUMBER:                        IN AIRLAND OPERATIONS. INVESTIGATE THE NEED FOR A DUAL PURPOSE ORGANIC  
CONTRACT NUMBER: DABT60-90-D00    ESCORT UAV WITH BOTH LETHAL AND SENSOR-CUED IMAGERY CAPABILITY.  
SPONSOR: TRADOC  
PERFORMER: AVNC

PROJECT TITLE: AVIATION UAVS LETHAL/NONLETHAL TIA

PUIC: ATZQDN003                    STUDY WILL ASSESS THE TRAINING IMPLICATIONS OF ALTERNATIVES BEING  
DTIC NUMBER:                        CONSIDERED IN THE AVIATION CENTER'S COMBAT DEVELOPER'S REQUIREMENTS  
CONTRACT NUMBER:                  STUDY. ADDITIONALLY, TRAINING REQUIREMENTS FOR MAINTAINERS AND OTHER  
SPONSOR: TRADOC                    SUPPORT PERSONNEL WILL BE EVALUATED.  
PERFORMER: AVNC

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: TRADOC-----

PROJECT TITLE: BALLISTIC PROTECTIVE SYSTEM COEA

PUIC: ATSMCM005                    THIS STUDY WILL ANALYZE ALTERNATIVES THAT WILL ENHANCE THE SURVIVABILITY OF PERSONNEL AND SUPPLIES FROM INDIRECT FIRES. RESULTS WILL SUPPORT A MDR I/II DECISION.  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: QMC&S

PROJECT TITLE: BAT COEA

PUIC: ATSFN010                    STUDY WILL EVALUATE THE NEED AND CONTRIBUTION OF THE BAT SUBMUNITION IN THE CHANGING THREAT. STUDY WILL ANALYZE THE REQUIREMENT FOR THE P3I BAT. SYSTEMS UNDER STUDY INCLUDE: MLRS, ATACMS, TSSAM, BAT, AND MRLS TGW. WILL SUPPORT A MS IIIA DECISION SCHEDULED FOR 2QTR93.  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: FAS

PROJECT TITLE: BATTLE ENHANCED CTC & JANUS ANALYSIS METHODOLOGIES

PUIC: ATRCRL003                    WILL PROVIDE ENHANCED ANALYST WORKSTATION CAPABILITIES FOR FIELD TRAINING AND COMBAT MODEL DATA TO MEET NONLINEAR ANALYTICAL NEEDS OF AIRLAND OPNS FOR THE STRATEGIC ARMY (ALOSA). IT WILL DEVELOP TACTICAL MEASURES AND VISUAL DISPLAYS FOR ALOSA TENETS TO IMPROVE TACTICAL ANALYSIS.  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/MTRY

PROJECT TITLE: BATTLEFIELD ELECTRONIC MAINTENANCE IN CORPS AND ABOVE

PUIC: ATSKCN002                    DETERMINE THE FEASIBILITY OF ESTABLISHING AN ELMC CONCEPT AT CORPS AND EAC. ANALYZE BENEFITS AND/OR DRAWBACKS OF APPLYING ELMC CONCEPT TO CORPS AND EAC. EVALUATE INTEGRATION OF ELECTRONIC REPAIR MOSS AND EQUIPMENT. EVALUATE MAINTENANCE PERFORMANCE UNDER PROPOSED CONCEPTS VS CURRENT.  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: MMCS

PROJECT TITLE: BATTLEFIELD SPARES SYSTEM (BSS) COST & SAVINGS ANALYSIS

PUIC: ATSMCM001                    DEVELOP CONCEPTUAL ALTERNATIVES AIMED AT CONSOLIDATING AND/OR ELIMINATING PRESCRIBED LOAD LISTS (PLLs) AND FOCUS AUTHORIZED STOCKAGE LISTS (ASLS) TO INCLUDE ONLY ESSENTIAL ITEMS. THE STUDY WILL FOCUS ON COST SAVINGS OF IMPLEMENTING THE BATTLEFIELD SPARES SYSTEM.  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: QMC&S

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: TRADOC-----

PROJECT TITLE: BATTLEFIELD SPARES SYSTEM TEA

PUIC: ATSMCM003                    A 2-PHASED STUDY: PHASE 1 WILL DEVELOP CRITICAL TASKS LISTS FOR CAREER  
DTIC NUMBER:                        MANAGEMENT FIELD (CMF) 76 (SUPPLY) (REVISED TO CMF 92) TO IMPLEMENT THE  
CONTRACT NUMBER:                  BATTLEFIELD SPARES SYSTEM. PHASE 2 WILL ANALYZE TRAINING STRATEGIES FOR  
SPONSOR: TRADOC                    TECHNICAL AND LEADER DEVELOPMENT TRAINING.  
PERFORMER: QMC&S

PROJECT TITLE: BATTLEFIELD SPARES SYSTEM TEST & EVAL FRONT END ANALYSIS

PUIC: ATSMCM002                    IDENTIFY THE ISSUES THAT SHOULD BE RESOLVED PRIOR TO THE FIELD VALIDATION  
DTIC NUMBER:                        OF THE BSS. STUDY WILL LOOK AT SUPPLY LEVELS, TRANSPORTATION, AUTOMATION,  
CONTRACT NUMBER:                  ORGANIZATIONS, AND MAINTENANCE CAPABILITIES.  
SPONSOR: TRADOC  
PERFORMER: QMC&S

PROJECT TITLE: BIOLOGICAL DETECTOR COEA

PUIC: ATZNCL001                    MULTIPURPOSE POINT DETECTOR CAPABLE OF DETECTING BIOLOGICAL  
DTIC NUMBER:                        AGENTS. STUDY WILL SUPPORT A MILESTONE I/II DECISION.  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: CMLS

PROJECT TITLE: BIOLOGICAL THREAT OPERATIONAL ASSESSMENT STUDY

PUIC: ATZNCJ005                    EVALUATE BIOLOGICAL WARFARE THREAT INTELLIGENCE INFORMATION AND CONVERT IT  
DTIC NUMBER: DA318672              INTO REALISTIC THREAT SCENARIOS AND CASUALTY ESTIMATES TO INCLUDE  
CONTRACT NUMBER:  
SPONSOR: TRADOC                    PSYCHOLOGICAL EFFECTS. STUDY INCLUDES A COMPUTER CAPABILITY FOR COMPUTER  
PERFORMER: CMLS                    MODELING AND CONSULTANT SUPPORT.

PROJECT TITLE: BREACHER COEA

PUIC: ATSECM013                    A M1 BREACHER COEA IS A REQUIREMENT FOR THE MILESTONE II REVIEW (FY94).  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC                    THIS STUDY WILL PROVIDE ANALYSIS OF EACH ALTERNATIVE AND THE BASE CASE.  
PERFORMER: ENGS                    KEY ELEMENTS OF THIS STUDY WILL BE USED IN SUPPORT OF THE COEA.

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: TRADOC-----

PROJECT TITLE: CANE FDTE MODELING AND ANALYSIS SUPPORT

PUIC: ATRCWM012                   ANALYTICAL SUPPORT FOR THE COMBINED ARMS IN A NUCLEAR/CHEMICAL ENVIRONMENT  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/WSMR  
CANE) SERIES. SPECIFICALLY, ANALYSIS FOR TEST DESIGN FOR THE FOLLOWING TESTS IN SERIES: AIR DEFENSE, AVIATION AND NBC/INTELLIGENCE.

PROJECT TITLE: CASTFOREM DEVELOPMENT

PUIC: ATRCWK013                   FY92 WORK WILL INCLUDE IMPROVED PLAY OF SMALL ARMS, ARTILLERY, BATTLEFIELD  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/WSMR  
CONTAMINANTS, & DIRECTED ENERGY SYSTEMS & COUNTERMEASURES; INCREASED MINE  
PLACEMENT CAPABILITY; AND BETTER PREPROCESSOR CAPABILITY. OBJECTIVE WILL  
ALSO BE INCREASED CAPABILITY OF NIGHTFIGHTING & PLAY OF BLUE FRATICIDE.

PROJECT TITLE: CCTT CTEA

PUIC: ATRCWN003                   STUDY WILL DETERMINE THE ABILITY OF CCTT TO TRAIN THE EVENTS IDENTIFIED  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/WSMR  
IN ARMOR CATS AND ASSESS THE DEVICE'S COST EFFECTIVENESS. STUDY ISSUES  
ARE: DETERMINE TRAINING STRATEGIES, DEFINE COSTS ASSOCIATED IN CCTT  
TRAINING, AND RECOMMEND WAYS OF INTEGRATING CCTT INTO TRAINING.

PROJECT TITLE: CHEMICAL AGENT WATER DETECTION KIT COEA

PUIC: ATSMCN009                   ANALYZE ALTERNATIVES AND SELECT THE MOST COST AND OPERATIONALLY  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: QMC&S  
EFFECTIVE APPROACH TO DETECT CHEMICAL AGENT CONTAMINATION IN WATER.

PROJECT TITLE: CHEMICAL AGENT WATER DETECTION KIT MPTA

PUIC: ATSMCN010                   ASSESS VARIOUS SYSTEMS AND MEANS FOR THE DETECTION OF CHEMICAL CONTAMINA-  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: QMC&S  
TION IN WATER. STUDY WILL DETERMINE THE BEST APPROACH FOR DETECTING  
CONTAMINATION IN WATER AS COMPARED TO WHAT'S AVAILABLE. WILL SUPPORT  
MILESTONE I DECISION.

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-SPONSOR: TRADOC

**PROJECT TITLE: CHEMICAL MODEL IMPROVEMENT PROGRAM**

PUIC: ATZNCJ003  
DTIC NUMBER: DA318331  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: CMLS  
IMPROVE MODELING OF CHEMICAL AND SMOKE EFFECTS THROUGHOUT THE HIERARCHY OF ARMY ANALYTICAL SIMULATION MODELS, FROM THE VERY HIGH RESOLUTION AGENT TRANSPORT DIFFUSION MODELS (E.G., CHEMCAS, YAC, AURA) TO THE THEATER LEVEL COMBAT MODELS (E.G., FORCEM).

**PROJECT TITLE: COMBAT DEVELOPMENTS SIMULATION ANALYTIC SUPPORT**

PUIC: ATSLCL002  
DTIC NUMBER: DA329015  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: ORDS  
THIS STUDY WILL WORK TO DEVELOP A SIMULATION SUPPORT CENTER CONSISTING OF A DISTRIBUTED COMPUTER HARDWARE AND SOFTWARE PLATFORM TO DEVELOP AND RUN COMPUTER SIMULATIONS.

PROJECT TITLE: COMBAT SELF PROTECTION SYSTEM (STINGRAY) COEA PHASE III

PUIC: ATRCWM021 STUDY WILL PROVIDE DECISION MAKERS WITH ANSWERS WHICH WERE LEFT  
DTIC NUMBER: UNANSWERED DURING PHASE II AND CONTINUE ANALYSIS TO MEET MS III.  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/WSMR

**PROJECT TITLE: COMBAT SERVICE SUPPORT FORCE DESIGN ANALYSIS**

PUIC: ATRCLM001 DETERMINE THE EFFECTS OF CHANGES IN CONCEPT ORGANIZATION AND FORCE  
DTIC NUMBER: DA328991 STRUCTURE ON CSS EFFECTIVENESS.  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/LEE

**PROJECT TITLE: COMBAT SUPPORT - ARTILLERY ROLE ON BATTLEFIELD OF THE FUTURE**

**PUIC:** ATRCFL011      **STUDY WILL EXAMINE THE ROLE OF ARTILLERY IN MULTI-NATIONAL OPERATIONS IN**  
**DTIC NUMBER:** DA338762      **A POST-CFE, NONLINEAR BATTLEFIELD ENVIRONMENT. THIS COMBINED US/GE EFFORT**  
**CONTRACT NUMBER:**      **WILL USE A JOINTLY DEVELOPED EUROPEAN SCENARIO TO EXAMINE INTEROPERABILITY**  
**SPONSOR:** TRADOC      **ISSUES BETWEEN US/GE FORCES AND STUDY RELATED CSS AND C2 ISSUES.**  
**PERFORMER:** T/OAC

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

--SPONSOR: TRADOC

PROJECT TITLE: COMBAT VEHICLE IDENTIFICATION, FRIEND OR FOE (CVIFF)

PUIC: ATRCWM025  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/WSMR

STUDY WILL USE FORCE-ON-FORCE SIMULATIONS AND PARAMETRICALLY VARY BOUNDS OF ID DEVICES TO REDUCE BLUE FORCE FRIENDLY FIRE LOSSES. RESULTS WILL AID IN THE REDUCTION OF FRATRICIDE CASUALTIES IN THE FUTURE & PROVIDE BASIS FOR ESTABLISHING RQMTS FOR OUTFITTING COMBAT SYSTEMS WITH CVIFF DEVICES.

**PROJECT TITLE: COMBAT VEHICLE RECOVERY TRAINING SIMULATOR STUDY**

PUIC: ATSLDN003  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: ORDS  
EVALUATE EFFECTIVENESS OF COMPUTER BASED TRAINING (CBT)/SIMULATOR STATE OF THE ART TRAINING METHODS/DEVICES RELATIVE TO RECOVERY TRAINING. ANALYZE NEW SIMULATORS IN PRIVATE AND GOV'T AGENCIES TO DEVELOP TRAINING APPROACHES WHICH WILL PROVIDE COST EFFECTIVE AND STATE OF THE ART TRAINER.

**PROJECT TITLE: COMMAND AND CONTROL FUNCTIONAL AREA MODEL DEVELOPMENT**

PUIC: ATRCFM001  
DTIC NUMBER:  
CONTRACT NUMBER: DABT6089D1605  
SPONSOR: TRADOC  
PERFORMER: T/OAC  
DEVELOP A MODEL AND PERFORM QUANTITATIVE ANALYSIS TO DETERMINE OPTIMAL WORK FLOW FOR IMPROVING COMMAND POST EFFICIENCY AT CORPS, DIVISION, AND BRIGADE. C2 FAM, VIC, MODELER (AF MODEL) AND EAGLE MODELS WILL BE USED.

PROJECT TITLE: COMMON GROUND STATION (CGS) CTEA

PUIC: ATRCWM017 IAW TRADOC REG 350-4, A CTEA IS REQUIRED FOR MAJOR NEW SYSTEMS TO SUPPORT  
DTIC NUMBER: DECISIONS AT COMPLETION OF THE DEMONSTRATION AND VALIDATION PHASE,  
CONTRACT NUMBER: MILESTONE II OF THE LCSMM.  
SPONSOR: TRADOC  
PERFORMER: T/WSMR

**PROJECT TITLE: COMMON GROUND STATION STUDY**

PUIC: ATRCWL005 DETERMINE AT WHAT LEVELS CGS SHOULD BE LOCATED AND THE PREFERRED MIX OF  
DTIC NUMBER: SENSORS AND PROCESSORS TO BEST SUPPORT THE COMMANDER AND STAFF.  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/OAC

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: TRADOC-----

PROJECT TITLE: COMMON TASKS ALIGNMENT WITH CANE TEA

PUIC: ATZNCL004  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: CMCS

EVALUATE THE EFFECTIVENESS OF PROPOSED CHANGES TO STP 21-1, STP 21-24, AND THE ARTEP NBC COMMON TASKS AS IDENTIFIED BY THE COMBINED ARMS IN A NUCLEAR/CHEMICAL ENVIRONMENT (CANE) TEST RESULTS AND IMPLEMENTATION PROGRAM.

PROJECT TITLE: COMMUNICATIONS READINESS

PUIC: ATSFFN001  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: FAS

STUDY WILL DETERMINE THE IMPACT ON UNIT READINESS CAUSED BY THE LACK OF SIGNAL BATTALION SUPPORT. STUDY WILL ALSO DETERMINE IF RE-STATIONING OF SIGNAL BATTALION ASSETS IS COST EFFECTIVE AND PROMOTES HIGHER UNIT READINESS. STUDY WILL SUPPORT DA RESTATIONING AND BASE CLOSURE PROGRAMS.

PROJECT TITLE: COMPUTER ASSISTED INSTRUCTION (CAI) STUDY

PUIC: ATSGDM007  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: SSC

THE U.S. ARMY FINANCE SCHOOL PLANS TO IMPLEMENT AN EXTENSIVE CAI TRAINING PACKAGE AS PART OF THE RESIDENT COMMERCIAL ACCOUNTS COURSE IN FY 92. THIS STUDY WILL COMPARE THE INSTRUCTIONAL AND TRAINING MANAGEMENT EFFECTIVENESS OF THE CAI PACKAGE WITH TRADITIONAL COURSE PRESENTATION METHODS.

PROJECT TITLE: CONSOLIDATION OF ENGINEERING SKILLS AND EQUIPMENT TRAINING

PUIC: ATRCWN001  
DTIC NUMBER:  
CONTRACT NUMBER: TBD  
SPONSOR: TRADOC  
PERFORMER: T/WSMR

STUDY WILL EVALUATE THE ENGINEER TRAINING PROGRAMS TAUGHT AT THE VARIOUS SERVICE SCHOOLS, ASSESS THE QUALITY OF THE GRADUATES, AND DETERMINE THE POSSIBILITY OF COMBINING LIKE TRAINING PROGRAMS. FINAL REPORT WILL BREAKDOWN COSTS/SAVINGS IN TERMS OF MONEY, FACILITIES, PERSONNEL AND TIME.

PROJECT TITLE: CONTAINERIZED KITCHEN COEA

PUIC: ATSMCN001  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: QMC&S

ANALYZE ALTERNATIVES AND SELECT THE MOST COST AND OPERATIONALLY EFFECTIVE SYSTEM THAT WILL PROVIDE EFFICIENT FOOD SERVICE SUPPORT TO SOLDIERS IN THE FIELDS.

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-SPONSOR: TRADOC

PROJECT TITLE: CONTAINERIZED KITCHEN MPTA

PUIC: ATSMCN002 ASSESS VARIOUS TYPES OF DEVELOPMENTAL AND OFF-THE-SHELF SELF-CONTAINED  
DTIC NUMBER: COMPLETE KITCHEN FACILITIES. THE KITCHEN MPTA WILL SUPPORT MILESTONE III  
CONTRACT NUMBER: DECISION IN SEP 93.  
SPONSOR: TRADOC  
PERFORMER: OMC&S

PROJECT TITLE: CONTAINERIZED LAUNDRY AND SHOWER SYSTEM COEA

PUIC: ATSMCN003  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: QMC&S  
A COEA IS NEEDED TO SUPPORT SEP 93 MILESTONE I DECISION REVIEW. DEVELOP ALTERNATIVES AND SELECT THE MOST COST EFFECTIVE AND OPERATIONALLY EFFECTIVE SYSTEM. THE STUDY WILL PROVIDE THE BEST LAUNDRY AND BATH SUPPORT TO SOLDIERS IN THE FIELD.

PROJECT TITLE: CONTAINERIZED LAUNDRY AND SHOWER SYSTEM MPTA

PUIC: ATSMCN004  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: OMC&S  
THE SHOWER MPTA WILL EVALUATE THE VARIOUS CONTAINERIZED SYSTEM PROPOSALS FOR COST EFFECTIVENESS AND PRACTICABILITY OF A LAUNDRY AND SHOWER SYSTEM FOR SOLDIERS IN THE FIELD. WILL SUPPORT MILESTONE I DECISION REVIEW PLANNED FOR SEP 93.

PROJECT TITLE: CORPS SURFACE-TO-AIR MISSILE COEA

PUIC: AT SAC M002 STUDY SUPPORTS A MS I DAB REVIEW SCHEDULED FOR 4QFY93.  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/SAC

PROJECT TITLE: CORPS SURFACE-TO-AIR MISSILE CTEA

PUIC: ATSAADM001  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/WSMR

THE CORPS SAM SYSTEM WILL REPLACE THE HAWK MISSILE SYSTEM. THIS STUDY IDENTIFIES TASKS FOR INSTITUTION AND UNIT TRAINING, REQUIRED DEVICES AND SIMULATORS, ALTERNATIVE TRAINING STRATEGIES, RESOURCE REQUIREMENTS, MOS QUALIFICATIONS, AND COST SAVINGS. MS II DECISION IS SCHEDULED FOR 4QTR93.

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-SPONSOR: TRADDOC

**PROJECT TITLE: CORPS/DIVISION ANALYTIC (EAGLE) MODEL**

PUIC: ATRCFJ001  
DTIC NUMBER: DA314958  
CONTRACT NUMBER: N/A  
SPONSOR: TRADOC  
PERFORMER: T/OAC  
DEVELOP A FAST-RUNNING SYSTEMIC SIMULATION FOR USE IN DOCTRINAL STUDIES,  
SCENARIO DEVELOPMENT AND FUTURE CONCEPTS ANALYSES. FY92 WORK INCLUDES  
CONTINUING WORK ON DEVELOPING CORPS-LEVEL MODEL; COMPLETING ENG, CSS &  
DISMOUNTED INFANTRY MODULES; IMPROVEMENTS TO SUN GRAPHICS INTERFACE.

**PROJECT TITLE: CORRELATION OF FORCES AND MEANS**

PUIC: ATORTF009 RESEARCH TO DEVELOP ALGORITHMS WHICH EMULATE SPECIFIC SOVIET MILITARY  
DTIC NUMBER: PROCESSES; E.G., INCORPORATE VALIDATED SOFTWARE IN APPROPRIATE COMBAT  
CONTRACT NUMBER: 5060 SIMULATIONS AND COMPUTERIZED PLANNING AIDS.  
SPONSOR: TRADOC  
PERFORMER: T/WSMR

**PROJECT TITLE: COUNTER-DRUG OPERATIONS MODEL RESEARCH**

PUIC: ATRCWN009 EXAMINATION OF MODEL AND SIMULATION TECHNIQUES TO DETERMINE EFFECTIVE  
DTIC NUMBER: TOOLS FOR USE BY FORCES ENGAGED IN THE COUNTER-DRUG EFFORT.  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/WSMR

**PROJECT TITLE: COUNTER-DRUG SUPPORT: COST-BENEFIT ANALYSIS**

PUIC: ATZLLN001 ANALYZE THE COST OF PROVIDING ARMY RESOURCES TO SUPPORT THE NATIONAL DRUG  
DTIC NUMBER: CONTROL STRATEGY (NDCS) AGAINST THE BENEFIT DERIVED IN ACHIEVING ONE OR  
CONTRACT NUMBER: MORE OF THE GOALS IN THE NDCS.  
SPONSOR: TRADOC  
PERFORMER: CAC/CD

PROJECT TITLE: COUNTERMOBILITY REMOTE CONTROL SYSTEM (CIRCE) COEA

PUIC: ATSEC004  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: FNGS  
TO CONDUCT A COEA FOR CIRCE TO SUPPORT MATERIEL ACQUISITION. CIRCE IS A UNIVERSAL REMOTE CONTROL SYSTEM THAT WILL PROVIDE MANEUVER COMMANDER WITH CAPABILITY TO INITIATE EXPLOSIVES AND ARM, DISARM, REARM, AND RECYCLE SELF DESTRUCT TIMES OF FUTURE FAMILY OF MINES.

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-SPONSOR: TRADOC

PROJECT TITLE: CSS CONTROL SYSTEM TIA

PUIC: ATRCLM002  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/WSMR  
ASSESS EMBEDDED TRAINING CONCEPT FOR 52 MOS (E4-E5) TO OPERATE, MAINTAIN,  
SUPERVISE, MANAGE OVER 1600 CSSCS IN ACTIVE/RESERVE COMPONENT EAC THRU BN.  
INTERFACING AS CAPSTONE FOR 2500 CSS STAMIS WITH OTHER 4 NODES OF BFA.  
ASSESS UTILITY OF CSS TRAINING SIMULATION SYSTEM FOR CMDR/STAFF TRAINING.

**PROJECT TITLE: DECISION SUPPORT FOR ARMY ACQUISITION PROGRAM**

PUIC: ATRCFN003  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/OAC

THIS STUDY WILL ATTEMPT TO DEVELOP A MULTIPLE CRITERIA OPTIMIZATION MODEL TO AID IN THE PROGRAMMING OF ARMY ACQUISITION FUNDS AT HQDA. THE MODEL WILL FOCUS ON THE DESIGN OF A SET OF ACQUISITION ALLOCATIONS THAT WILL OPTIMALLY APPROACH ARMY AND NATIONAL GOALS.

PROJECT TITLE: DEPTH OF ARMY INFLUENCE STUDY

PUIC: ATRCFM011  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: I/QAC

CONDUCT AN ANALYSIS TO DETERMINE THE REQUIRED DEPTH OF ARMY INFLUENCE  
WITHIN A NEW SOUTHWEST ASIA SCENARIO USING DEVELOPING DOCTRINE. THIS  
ANALYSIS WILL DETERMINE NECESSARY LEVELS OF THREAT DEGRADATION AND JOINT  
CONTRIBUTORS TO THAT DEGRADATION DURING VARIOUS BATTLE PHASES.

**PROJECT TITLE: DEVELOPMENT OF A MATH PROGRAMMING MODEL TO SUPPORT FORCE ANALYSIS**

PUIC: ATRCFM010  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/QAC

THIS STUDY WILL DEVELOP A QUICK RUNNING MATH PROGRAMMING MODEL TO SUPPORT ARMY FORCE ANALYSIS AT CORPS/DIVISION LEVEL. THIS EFFORT WILL USE THE GEN. ALGEBRAIC MODELING SYSTEM (GAMS) & WILL RESULT IN A GAMS STRUCTURED MODEL. RESULT WILL BE A MODEL FOR SCREENING ANALYSIS FOLLOWED BY SIMULATION.

**PROJECT TITLE: DIGITAL TOPOGRAPHIC DATA BASES FOR CONTINGENCY OPERATIONS**

PUIC: ATSETM002  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: ENGS  
TO PROVIDE A PROTOTYPE SYSTEM TO DEVELOP DIGITAL TOPOGRAPHIC DATA BASES FOR ARMY SYSTEMS AND OPERATIONS. THIS SUPPORTS CONTINGENCY OPERATIONS WHERE DATA BASES DO NOT EXIST. WITHOUT SUCH DATA BASES, MODERN WEAPONS AND TACTICS WILL BE DEGRADED.

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-SPONSOR: TRADOC

**PROJECT TITLE: DRILLING TRAINING ISSUES**

**PROJECT TITLE: DRIVER SKILL TRAINER (DST) TEAM**

PUIC: ATSPQM001 ASSESS THE EFFECTIVENESS OF THE DRIVER SKILL TRAINER (DST). THE TRAINER  
DTIC NUMBER: WILL BE PROCURED AND EVALUATED USING BASELINE (TASK VEHICLES FOR TNG) V.  
CONTRACT NUMBER: DST TO REDUCE OPTEMPO. A TDR WILL BE DEVELOPED AND EMPIRICAL DATA  
SPONSOR: TRADOC ASSESSMENT TO BASE ADDITIONAL DEVICE PROCUREMENT.  
PERFORMER: TSCH

PROJECT TITLE: EAGLE C3 ENHANCEMENT

PUIC: ATRCFN002  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/OAC

PROJECT WILL ENHANCE EAGLE MODEL CAPABILITY TO ASSESS IMPACT ON COMBAT EFFECTIVENESS FROM CHANGES IN TACTICAL C3 DOCTRINE AND PRACTICE. DEVELOP ABILITY TO PREDICT IMPROVEMENT/DEGRADATION RESULTING FROM CHANGES IN C2 STAFF, C2 AUTOMATION/DECISION AIDS, C2 STAFF TNG, C2 ONFO TIMELINESS, ETC.

**PROJECT TITLE: EAGLE CONVERSION**

PUIC: ATRCFN006  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/OAC

PROJECT WILL CONVERT THE EAGLE MODEL FROM THE LISP ENVIRONMENT UNDER WHICH IT WAS DEVELOPED TO A COMPILED OBJECT-ORIENTED LANGUAGE THAT IS SUITABLE FOR PRODUCTION USE. ALTERNATIVE LANGUAGES WILL BE ASSESSED AND A TARGET LANGUAGE WILL BE SELECTED IN AN INITIAL PRELIMINARY EFFORT.

PROJECT TITLE: EFFECT OF 40-HR TNG WEEK ON LEARNING EFFECTIVENESS IN TECH ENV

PUIC: ATSKTM001  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: MMCS  
CORRELATE LEARNING EFFECTIVENESS OF MMCS STUDENTS IN SELECTED COURSES  
WITH LENGTH OF TIME SPENT IN TRAINING (PER DAY, PER WEEK, PER COURSE).  
DETERMINE THE OPTIMUM LEARNING SITUATION IN A TECHNICAL ENVIRONMENT.  
EXAMINE ENTRY SCORES, COURSE CONTENT AND OTHER TRAINING VARIABLES.

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: TRADOC-----

PROJECT TITLE: ELECTRICAL COMPONENT TEST STAND COEA

PUIC: ATSLCL011                   ANALYZE BENEFIT, EFFECTIVENESS, AND COST OF TWO ALTERNATIVES: THE BASE  
DTIC NUMBER: DA328955               CASE WITHOUT THE ELECTRICAL COMPONENT TEST STAND (ECTS), AND WITH THE  
CONTRACT NUMBER:                   ECTS. LOTUS, TOPSIS AND SENSITIVITY ANALYSES WILL BE CONDUCTED TO PRODUCE  
SPONSOR: TRADOC                   TECHNICAL DATA.  
PERFORMER: ORDS

PROJECT TITLE: ENGAGEMENT SKILL TRAINER CTEA

PUIC: ATRCWM024                   DETERMINE THE COST AND TRAINING EFFECTIVENESS OF A SMALL UNIT ENGAGEMENT  
DTIC NUMBER:                       TRAINING SYSTEM FOR COLLECTIVE SKILLS TRAINING. THIS STUDY WILL COMPARE  
CONTRACT NUMBER:                  THE COST AND TRAINING EFFECTIVENESS OF THIS TYPE OF DEVICE FOR BOTH THE AC  
SPONSOR: TRADOC                   AND RC VERSUS CURRENT TRAINING TECHNOLOGIES.  
PERFORMER: T/WSMR

PROJECT TITLE: ENHANCED CTC ANALYSIS AND TRAINING METHODOLOGIES (ECATM)

PUIC: ATRCRM008                   RESOLVE DEFICIENCIES IN DOD'S ABILITY TO INTEGRATE JANUS(A) COMBAT MODEL  
DTIC NUMBER:                       AND CTC TNG. WILL DEVELOP ABILITY TO PRODUCE NTC SCENARIO LIBRARIES AND A  
CONTRACT NUMBER:                  SET OF ANALYTIC TRAINING MEASURES TO ENHANCE TRAINING STRATEGIES. SUPPORTS  
SPONSOR: TRADOC                   JANUS(A) VALIDATION & USE OF CTC DATA FOR IMPROVING TACTICAL PROFICIENCY.  
PERFORMER: T/MTRY

PROJECT TITLE: EUROPE COMMAND THEATER RESOLUTION SCENARIO 1.0

PUIC: ATRCSL013                   EUCOM TRS 1.0 IS A TRADOC STANDARD THEATER RESOLUTION SCENARIO WHICH WILL  
DTIC NUMBER:                       BE DEVELOPED FOR COMBAT DEVELOPMENTS USE. IT DEPICTS A 1999 JOINT TASK  
CONTRACT NUMBER:                  FORCE CONDUCTING MID-INTENSITY ALB OPERATIONS IN SUPPORT OF A FRIENDLY  
SPONSOR: TRADOC                   GOVERNMENT RESISTING AN INVASION BY A 2004 THREAT.  
PERFORMER: T/SWC

PROJECT TITLE: EVALUATION OF VISUAL SEARCH & TARGET ACQUISITION MODELS

PUIC: ATRCWN007                   ACQSIM IS A RESEARCH INITIATIVE TO INVESTIGATE AND IMPLEMENT METHODS TO  
DTIC NUMBER:                       IMPROVE CAPABILITY TO MODEL SEARCH AND TARGET ACQUISITION (STA) & RESOLVE  
CONTRACT NUMBER:                  IDENTIFIED INCONSISTENCIES IN EXISTING MODELS. PROGRAM IS COMPRISED OF  
SPONSOR: TRADOC                   SEVERAL PARTS. 1. RESEARCH INTO HUMAN VISUAL SEARCH. 2. EVAL STA MODELS.  
PERFORMER: T/WSMR

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: TRADOC-----

PROJECT TITLE: EXPLOSIVE ORDNANCE DISPOSAL (EOD) MOS STUDY

PUIC: ATSKEK002                    A TRAINING EFFECTIVENESS ANALYSIS IS REQUIRED TO ASSESS THE EFFICIENCY AND  
DTIC NUMBER:                         EFFECTIVENESS OF THE EXPLOSIVE ORDNANCE DISPOSAL ACTIVITIES.  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: MMCS

PROJECT TITLE: FA PRECISION INTERDICTION STUDY

PUIC: ATSFCH00B                    STUDY WILL EVALUATE RANGE ENHANCEMENTS, TARGET SETS, AND MISSILE PAYLOAD  
DTIC NUMBER:                        OPTIONS FOR ARMY TACTICAL MISSILE SYSTEM.  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: FAS

PROJECT TITLE: FEASIBILITY OF ESTABLISHING AN AVIM AGSE REPAIR SECTION

PUIC: ATSQLM002                    STUDY WILL BE CONDUCTED TO PROVIDE GUIDANCE IN DEVELOPING DOCTRINE, ORGAN-  
DTIC NUMBER:                        IZATIONS, TRAINING AND MATERIEL TO ESTABLISH AN AGSE REPAIR SECTION IN THE  
CONTRACT NUMBER: NOT AWARDED    AVIM ORGANIZATION. THIS WILL ASSIGN RESPONSIBILITY AND ELIMINATE THE  
SPONSOR: TRADOC                    CONFUSION EXISTING IN THE SUPPORT AND REPAIR OF AVIATION GROUND EQUIPMENT.  
PERFORMER: AVLG

PROJECT TITLE: FIELD ARTILLERY AMMUNITION COMBAT RATES STUDY

PUIC: ATSFCH003                    STUDY WILL USE RESULTS FROM A VARIETY OF COMBAT SIMULATION MODELS TO  
DTIC NUMBER:                        DETERMINE AMMUNITION EXPENDITURE RATES FOR FIELD ARTILLERY BATTALIONS,  
CONTRACT NUMBER:                   DIVARTY'S AND BRIGADES TO SUPPORT VARIOUS TYPES OF COMBAT. THIS DATA WILL  
SPONSOR: TRADOC                    BE USED TO ESTIMATE RATES FOR EXTENDED COMBAT PERIODS.  
PERFORMER: FAS

PROJECT TITLE: FIELD ARTILLERY AMMUNITION PROCESSING SYSTEM COEA

PUIC: ATROWNO05                    ANALYZE ALTERNATIVES TO PRODUCE AN EFFECTIVE TRAINING AND FIELDING PLAN,  
DTIC NUMBER:                        DEVELOP MAINTENANCE CONCEPTS AND RESOLVE SUPPORT ISSUES. EVALUATE FAAPS  
CONTRACT NUMBER:                   IN COMBAT TRAINS, ON THE BATTLEFIELD AND IN CONJUNCTION WITH AFAS THAT  
SPONSOR: TRADOC                    IMPACT GS/DS SUPPORT OF 155MM AMMUNITION. IMPACTS RESUPPLY, TOE, LOG.  
PERFORMER: T/WSMR

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-SPONSOR: TRADOC

**PROJECT TITLE: FIELD ARTILLERY ATTACK OPERATIONS REQUIREMENTS STUDY**

**PUIC:** ATSFCL011      **STUDY WILL DEFINE AND ASSESS BOTH NEAR-TERM AND LONG-TERM CAPABILITIES**  
**DTIC NUMBER:**              **AND REQUIREMENTS FOR LONG RANGE FIELD ARTILLERY PARTICIPATION IN THEATER**  
**CONTRACT NUMBER:** DABT60-91-D00      **MISSILE DEFENSE ATTACK OPERATIONS. STUDY IS PART OF AN OVERALL EFFORT**  
**SPONSOR:** TRADOC      **"FIELD ARTILLERY PRECISION ATTACK STUDY".**  
**PERFORMER:** FAS

## PROJECT TITLE: FIRE SUPPORT CASTFOREM USER ENHANCEMENTS

PUIC: ATRCWN008  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/WSMR

DEVELOP A SET OF GENERIC DECISION TABLES FOR SUCH ITEMS AS ARTILLERY FINAL PROTECTIVE FIRES, ON CALL ARTILLERY, CLOSER MODELING OF THREAT ARTILLERY TACTICS, SCOUT PLAY. NEXT, WORK TOWARD AN ENHANCED INTERFACE WITH JANUS AND FIELD TESTS.

PROJECT TITLE: FORCE LEVEL CONTROL SYSTEM (FLCS) TIA

PUIC: ATRCWL010  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/WSMR  
EXAMINE ALTERNATIVE TRAINING CONCEPTS, AND DETERMINE EFFECTIVE TRAINING STRATEGIES FOR BATTLEFIELD FUNCTIONAL AREA (BFA) CONTROL SYSTEM HARDWARE. FLCs IS A SOFTWARE CAPABILITY RESIDENT ON BFA CONTROL SYSTEMS AND WILL CONNECT BFAS INTO AN INTEGRATED SYSTEM FOR C2.

**PROJECT TITLE: FUTURE MAINTENANCE SYSTEMS REQUIREMENTS & TECHNOLOGY BASE STUDY**

PUIC: ATSLCL005 DEVELOP MAINTENANCE REQUIREMENTS FOR SUSTAINMENT UNDER AIRLAND OPERATIONS.  
DTIC NUMBER: DA329016 ANALYZE MATERIEL SYSTEMS AND TECHNOLOGY THAT INCLUDE LIGHTWEIGHT TOOLS,  
CONTRACT NUMBER: COMPUTER ASSISTED DIAGNOSTICS AND MAINTENANCE, AND TOOL-LESS REPAIR THAT  
SPONSOR: TRADOC WILL QUANTIFY MTTR FOR WEAPONS SYSTEM.  
PERFORMER: ORDS

**PROJECT TITLE: FUTURE MAINTENANCE SYSTEMS SKILL CONSOLIDATION REQUIREMENTS STUDY**

PUIC: ATSLDK002 DETERMINE SKILLS ORD CORPS PERSONNEL REQUIRE TO SUPPORT THE FUTURE  
DTIC NUMBER: DA328954 MAINTENANCE SYSTEM. WILL ALSO EXAMINE CIVILIAN AND MILITARY SPECIALTIES  
CONTRACT NUMBER: DAEA1887D0086 FOR CONSOLIDATION AS A RESULT OF COMBINING UNIT-LEVEL AND DS-LEVEL  
SPONSOR: TRADOC MAINTENANCE.  
PERFORMER: ORDS

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

----- SPONSOR: TRADOC -----

PROJECT TITLE: FUTURE SCOUT VEHICLE SOA

PUIC: ATSBCL003  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: ARMC

EXAMINE THE SURVIVABILITY, MOBILITY, AND POSSIBLE SENSOR PACKAGES OF DIFFERING PROPOSALS FOR THE FSV, LOOKING FOR OVERALL SYSTEM/FORCE EFFECTIVENESS.

PROJECT TITLE: GAP CROSSING STUDY

PUIC: ATZACI002  
DTIC NUMBER: DA314231  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: ENGS

TACTICAL MOBILITY IS A CRUCIAL INGREDIENT FOR SUCCESS OF THE MODERN INTEGRATED BATTLEFIELD. STUDY OBJECTIVE IS TO DEVELOP MILITARILY SIGNIFICANT GAP DATA BASE FOR VARIOUS THEATERS OF OPERATION. DATA BASE WILL BE USED TO DETERMINE GAP CROSSING REQUIREMENTS FOR THE ARMY OF THE FUTURE.

PROJECT TITLE: GE/US COMBINED AIR DEFENSE STUDY

PUIC: ATRCWJ016  
DTIC NUMBER: DA318332  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/WSMR

START OF PHASE 2 TO EXAMINE FUTURE ADA SYSTEMS. IMPLEMENT THE REDEFINITION OF POST-CFE SCENARIO INTO AIR DEFENSE COMBAT MODELS WITHIN BOTH COUNTRIES. CONDUCT PRELIMINARY MODEL RUNS FOR VALIDATION AND VERIFICATION AND BRIEF FINDINGS AT US/GE STAFF TALKS.

PROJECT TITLE: GENERATOR REQUIREMENTS AND TECHNOLOGY BASE STUDY

PUIC: ATRCWK056  
DTIC NUMBER: DA328957  
CONTRACT NUMBER: TBD  
SPONSOR: TRADOC  
PERFORMER: ORDS

STUDY WILL IDENTIFY SPECIFIC SURVIVABILITY LEVELS FOR PREPLANNED PRODUCT IMPROVEMENT OF THE COMMERCIAL GENERATOR SETS AND ASSEMBLAGES. TECHNOLOGY AVAILABLE TO MEET THESE REQUIREMENTS WILL BE IDENTIFIED AND RANKED BY COST AND EFFECTIVENESS.

PROJECT TITLE: GENERIC AIRCRAFT NITROGEN GENERATOR (GANG) SOA

PUIC: ATSQLN002  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: AVLG

STUDY IS A SUPPORTING OPERATIONAL ANALYSIS OF REQUIREMENTS FOR A NITROGEN GENERATING SYSTEM TO PROVIDE 95 PERCENT PURE NITROGEN FOR SERVICING AIRCRAFT SYSTEMS AND FILLING NITROGEN BOTTLES IN THE FIELD.

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: TRADOC-----

PROJECT TITLE: GROUND RECOVERY OF ARMY AIRCRAFT

PUIC: ATSQLM005                          TO IDENTIFY ALTERNATIVES/SOLUTIONS TO RECOVER GROUNDED AIRCRAFT (AH-64 & UH-60). ANALYZE ALTERNATIVE SOLUTIONS AND SELECT PREFERRED CORRECTIVE ACTIONS.  
DTIC NUMBER:  
CONTRACT NUMBER: N/A  
SPONSOR: TRADOC  
PERFORMER: AVLG

PROJECT TITLE: GUN LAYING AND POSITIONING COEA

PUIC: ATSFCN005                          STUDY WILL EXAMINE THE PERFORMANCE, EFFECTIVENESS, COSTS, AND OTHER OPERATIONAL ISSUES OF THE FORCE EQUIPPED WITH THE BASE CASE AND GLPS ACQUISITION SYSTEMS. GLPS WILL BE ISSUED TO ALL TOWED & NON-PALIDIN SP BATTERIES & AN/TPQ-37 FIREFINDERS. STUDY SUPPORTS MS II/111 IN 2QTR94.  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: FAS

PROJECT TITLE: HAWK PIP III DS/GS MAINTENANCE TEA

PUIC: ATRCWN014                          EVALUATE SOLDIER PROFICIENCY IN DS/GS MAINTENANCE PROCEDURES, IDENTIFY CRITICAL DS/GS MAINTENANCE TASKS TO MEET UNIT REQUIREMENTS AND ANALYZE THE EFFECTIVENESS OF UNIT SUSTAINMENT.  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/WSMR

PROJECT TITLE: HEAVY BRIGADE PLS - VARIANT REQUIREMENTS STUDY

PUIC: ATSBCHN005                          STUDY WILL ANALYZE POTENTIAL APPLICATIONS FOR VARIANTS OF THE PLS VEHICLES IN THE HEAVY BRIGADE CSS SYSTEM. VARIANTS SUCH AS A HEAVY REPAIR VEHICLE, ARMORED FORWARD RESUPPLY VEHICLES, AND COMMAND AND CONTROL VEHICLES WILL BE CONSIDERED.  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: ARMC

PROJECT TITLE: HEAVY DRY SUPPORT BRIDGE (HDSB) COEA

PUIC: ATSEOM008                          THE PRIMARY USE OF THE HDSB IS TO PROVIDE BOTH WET AND DRY GAP CROSSING CAPABILITIES FOR MILITARY LOAD CLASS 96 ON LINES OF COMMUNICATION AND MAJOR SUPPLY ROUTES. STUDY WILL COMPARE THE COST AND EFFECTIVENESS OF THE CANDIDATE SYSTEMS FOR THE HDSB.  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: ENGS

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-SPONSOR: TRADOC

PROJECT TITLE: HI-RES SCENARIO 30 (LIGHT INF DEFENSE - SWA)

PROJECT TITLE: HI-RES SCENARIO 35 (BALANCED TASK FORCE HASTY DEF - EUROM)

PUIC: ATRCMSM003  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/SMC

HRS 35 IS A TRADOC STANDARD HIGH RESOLUTION SCENARIO DEPICTING OPERATIONS AT BRIGADE & BATTALION LEVEL. IT PORTRAYS A BALANCED TASK FORCE HASTY DEFENSE USING A CRITICAL EVENT TAKEN FROM THE EUCOM 1.0 LOW RESOLUTION SCENARIO. THIS IS A REMAKE OF HRS 3.

PROJECT TITLE: HI-RES SCENARIO 37 (MECH BDE ATTACK - EUR)

PUIC: ATRCMSM008 HRS 37 IS A TRADOC STANDARD HIGH RESOLUTION SCENARIO DEPICTING A  
DTIC NUMBER: MECHANIZED BRIGADE ATTACK TAKEN FROM A CRITICAL EVENT IN A EUROPEAN LOW  
CONTRACT NUMBER: RESOLUTION SCENARIO. THIS IS A REMAKE OF HRS 12.  
SPONSOR: TRADOC  
PERFORMER: T/SWC

PROJECT TITLE: HI-RES SCENARIO 38 (LIGHT INFANTRY ATTACK FORCED ENTRY - SWA)

PUIC: ATRCSN002  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/SHC

THIS SCENARIO WILL DEPICT A LIGHT INFANTRY UNIT ATTACK IN SWA.  
THIS STUDY WILL PRODUCE A TRADOC STANDARD HRS WHICH WILL SUPPORT  
COMBAT DEVELOPMENTS ACTIVITIES AT ARMY AGENCIES, SCHOOLS AND CENTERS, AND  
CONTRACTORS.

PROJECT TITLE: HT-BES SCENARIO 39 (CAVALRY HEAVY GUARD - SWA)

PUIC: ATRCSN003  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/SWC  
THIS SCENARIO WILL DEPICT A DIVISIONAL CAVALRY SQUADRON CONDUCTING A GUARD MISSION AGAINST AN ENEMY TANK BRIGADE IN SWA. THIS STUDY WILL PRODUCE A TRADOC STANDARD HRS WHICH WILL SUPPORT COMBAT DEVELOPMENTS ACTIVITIES AT ARMY AGENCIES, SCHOOLS AND CENTERS, AND CONTRACTORS.

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----  
SPONSOR: TRADOC  
-----

PROJECT TITLE: HI-RES SCENARIO 40 (BREACH OF A COMPLEX OBSTACLE - SWA)

PUIC: ATRCSN004  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/SWC

THIS SCENARIO WILL DEPICT A BREACH OF A COMPLEX OBSTACLE IN SWA. THIS STUDY WILL PRODUCE A TRADOC STANDARD HRS WHICH WILL SUPPORT COMBAT DEVELOPMENTS ACTIVITIES AT ARMY AGENCIES, SCHOOLS AND CENTERS, AND CONTRACTORS.

PROJECT TITLE: HI-RES SCENARIO 41 (AIR ASSAULT ATTACK - NEA)

PUIC: ATRCSN005  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/SWC

THIS SCENARIO WILL DEPICT AN AIR ASSAULT ATTACK IN NEA. THIS STUDY WILL PRODUCE A TRADOC STANDARD HRS WHICH WILL BE USED TO SUPPORT COMBAT DEVELOPMENTS ACTIVITIES AT ARMY AGENCIES, SCHOOLS AND CENTERS, AND CONTRACTORS.

PROJECT TITLE: HI-RES SCENARIO 42 (DELIBERATE RIVER CROSSING - NEA)

PUIC: ATRCSN006  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/SWC

THIS SCENARIO WILL DEPICT AN DELIBERATE RIVER CROSSING IN NEA. THIS STUDY WILL PRODUCE A TRADOC STANDARD HRS WHICH WILL SUPPORT COMBAT DEVELOPMENTS ACTIVITIES AT ARMY AGENCIES, SCHOOLS AND CENTERS, AND CONTRACTORS.

PROJECT TITLE: HI-RES SCENARIO 43 (LIGHT INF/AIR ASSAULT DEFENSE - NEA)

PUIC: ATRCSN007  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/SWC

THIS SCENARIO WILL DEPICT A LIFTH INFANTRY/AIR ASSAULT HASTY DEFENSE AGAINST MECHANIZED FORCES IN NEA. THIS STUDY WILL PRODUCE A TRADOC STANDARD HRS WHICH WILL SUPPORT COMBAT DEVELOPMENTS ACTIVITIES AT ARMY AGENCIES, SCHOOLS AND CENTERS, AND CONTRACTORS.

PROJECT TITLE: HIGH RESOLUTION MODEL DEVELOPMENT

PUIC: ATRCHN010  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/WSMR

DEVELOPMENT OF A NEW HIGH RESOLUTION SIMULATION BASED ON ALGORITHMS VALIDATED IN JANUS AND CASTFOREM AND INCORPORATING THE LATEST TECHNOLOGIES SUCH AS OBJECT ORIENTED PROGRAMMING AND UTILIZES CASE AND COTS TOOLS.

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: TRADOC-----

PROJECT TITLE: HMMWV/HEMTT MAINTENANCE TRAINING STUDY

PUIC: ATRCWN012  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/WSMR

ASSESS THE EFFECTIVENESS OF CURRENT ENTRY-LEVEL COURSES FOR WHEEL VEHICLE MECHANICS AND DETERMINE THE FEASIBILITY OF IMPLEMENTING ALTERNATE TRAINING STRATEGIES IN SUPPORT OF TRADOC GUIDANCE TO REDUCE TRAINING COST AND CONSOLIDATE THE NUMBER OF PROONENT MOS'S.

PROJECT TITLE: IEW TACTICAL PROFICIENCY TRAINER TEA

PUIC: ATRCWM007  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/WSMR

THIS STUDY WILL EXAMINE THE USE OF IEWTPT FOR INSTITUTIONAL AND CLASSROOM TRAINING FOR MILITARY INTELLIGENCE SKILLS SUCH AS TACTICAL SYSTEM OPERATIONS, LANGUAGE SKILLS, PROCESSING AND DISSEMINATION, SIGNAL INTELLIGENCE ANALYSIS AND IMAGERY INTERPRETATION.

PROJECT TITLE: IMPACT OF PROFESSIONAL CERTIFICATION TESTING

PUIC: ATSLDN002  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: ORDS

DETERMINE THE EFFECTIVENESS OF USING PROFESSIONAL CERTIFICATION TESTING AS A CRITERIA FOR SOLDIER SKILL EVALUATION. ANALYZE THE EFFECT ON SOLDIER TRAINING NEEDS CAUSED BY REQUIRING CIVILIAN CERTIFICATION AND THE EFFECT OF TECHNICAL CERTIFICATION ON RECRUITING AND RETENTION.

PROJECT TITLE: IMPROVED CASUALTY RESOLUTION

PUIC: ATRCBN001  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/FBHN

ESTIMATE PERSONNEL CASUALTIES IN COMBAT BY MODEL & SIMULATION. INCREASE RESOLUTION OF CATEGORIES AND STRATIFICATION OF CASUALTY PREDICTION IN M&S. ENHANCE THE ABILITY TO EVALUATE THE IMPACT OF DISEASE NON-BATTLE INJURIES IN THE SYSTEM ACQUISITION PROCESS.

PROJECT TITLE: IMPROVEMENT TO COMBAT MANEUVER IN MODELS STUDY

PUIC: ATSECK004  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: ENGS

A FOLLOW-ON TO THE EMIP PROGRAM AND WILL CONCENTRATE ON IMPROVING MANEUVER REPRESENTATION IN MODELS (JANUS, EAGLE, ETC). STUDY WILL EXAMINE TERRAIN, ATTRITION/MANEUVER LINKS, ROUTE SELECTION, ETC. PRODUCT IS IMPROVED COEA QUALITY AND SOLDIER TRAINING.

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: TRADOC-----

PROJECT TITLE: INCREMENTAL PERSONNEL COMMAND (PERSCOM)

PUIC: ATSGDM004  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: SSC

DEVELOP AND ANALYZE A PERSONNEL COMMAND TOE STRUCTURE THAT CAN BE RAPIDLY DEPLOYED IN A LOW TO MID-INTENSITY CONFLICT SCENARIO. STUDY WILL ANALYZE HOW THE PERSCOM CAN EXPAND FROM AN AUSTERE BASE DESIGN TO INTEGRATE ALL CRITICAL MILITARY PERSONNEL FUNCTIONS AS THE THEATER POPULATION GROWS.

PROJECT TITLE: INFANTRY SCHOOL CTC TRENDLINE LESSONS LEARNED ANALYSIS

PUIC: ATSHEM001  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: INFS

THIS STUDY WILL DEVELOP CTC BASELINE AND EMERGING TREND DATA AND ITS RELEVANCE TO INFANTRY ISSUES AND LESSONS LEARNED. RELIABILITY AND VALIDITY OF DATA AS IT RELATES TO INFANTRY OPERATIONS WILL BE DETERMINED.

PROJECT TITLE: INTEGRATED SYSTEM CONTROL CTEA

PUIC: ATRCWM009  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/WSMR

THIS STUDY WILL DETERMINE THE MOST COST AND OPERATIONALLY EFFECTIVE MEANS TO TRAIN OPERATORS AND MAINTAINERS OF THE SIGNAL CORPS PROPOSED INTEGRATED SYSTEM CONTROL (ISYCON) NETWORK MANAGEMENT CENTER. ISYCON WILL INTEGRATE COMSEC AND NETWORK MANAGEMENT/PLANNING FOR ACUS (MSE), ADDS, AND CNR.

PROJECT TITLE: INTEGRATION OF ADVERSARIAL PLANNER AND EAGLE

PUIC: ATRCFN014  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/OAC

PROJECT WILL INCORPORATE PLANNING, PLAN MONITORING AND REPLANNING CAPABILITIES INTO THE EAGLE MODEL.

PROJECT TITLE: INTEGRATION OF JANUS INTO DIS

PUIC: ATRCWN011  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/WSMR

CREATE AN INTERFACE FOR JANUS TO ATTACH TO THE DISTRIBUTED INTERACTIVE SIMULATION (DIS) ACCEPTING AND PASSING PDUS FOR USE AS OPFOR AND ADDITIONAL FORCES.

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-SPONSOR: TRADOC

PROJECT TITLE: INTEGRATION OF TRAINING IN AN NBC ENVIRONMENT AT CTC'S

PUIC: ATZNCM001  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: OMIS  
THIS STUDY WILL ASSESS PERTSENTATION OF THE THREAT AND DETERMINE THE EFFECTIVENESS OF THE PRESENTATION OF THE NUCLEAR/CHEMICAL EVENT THRU THE USE OF TRAINING AIDS, DEVICES, AND SIMULANTS AND ASSESS THE COLLECTION OF DATA FOR THE AAR.

**PROJECT TITLE: INTELLIGENCE FUSION AND NETWORK MODEL**

PUIC: ATRCFN012  
DTIC NUMBER:  
CONTRACT NUMBER: TBD  
SPONSOR: TRADOC  
PERFORMER: T/AAC  
DEVELOP A MODEL THAT REPRESENTS THE INFORMATION FLOW AND FUSION PROCESSES OF ARMY INTELLIGENCE UNITS. IT MUST BE ADAPTABLE TO REPRESENT DIFFERENT COLLECTION SYSTEMS CONFIGURATIONS, NUMBERS OF FUSION CTRS, ETC. AND MUST LINK TO ARMY'S HI-RES IEW MODELS AND VIEWS POST-PROCESSORS.

**PROJECT TITLE: INTELLIGENT AMMUNITION DISTRIBUTION SYSTEM MODEL**

PUIC: ATSKCN001  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: MMCS  
DEVELOP AN ANALYTICAL SIMULATION TO MODEL CONVENTIONAL AMMO DISTRIBUTION SYSTEMS AND PROCESS. WILL APPLY AI TECHNIQUES TO SUPPORT STUDIES, ANALYSIS AND MANAGEMENT DECISIONS IN AMMO DISTRIBUTION. IADS WILL PROVIDE ANSWERS TO "WHAT IF" DRILLS IN WAR/CONTINGENCY TAC OPS & FORCE STRUCTURE.

**PROJECT TITLE: JANUS AUDITORY SENSOR ALGORITHM DEVELOPMENT**

PUIC: ATRCRM009                    THIS RESEARCH WILL DEVELOP AND EVALUATE A PROTOTYPE AUDITORY SENSOR  
DTIC NUMBER:                        ALGORITHM FOR JANUS WITH APPLICATION TO FUTURE COEA/TRAINING OF ROBOTIC  
CONTRACT NUMBER:                    VEHICLE ISSUES.  
SPONSOR: TRADOC  
PERFORMER: T/MTRY

**PROJECT TITLE: JANUS MODEL DEVELOPMENT**

PUIC: ATRCWN002                    FY93 WORK INCLUDES DEVELOPING AND IMPROVING MODEL CODE.  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/WSMP

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-SPONSOR: TRADOC

**PROJECT TITLE: JANUS/SIMNET INTERFACE**

**PUIC:** ATRCRN003      **THIS PROJECT WILL LEVERAGE EXISTING NPSNET SIMNET-LIKE 3D DISPLAY AND ITS DATA STRUCTURES INTO JANUS. THE INTERCONNECTION OF SIMNET-BASED DISTRIBUTED SIMULATION AND JANUS SHOULD BE THAT SIMNET ENTITIES INTERACT ON THE JANUS BATTLEFIELD AND, POSSIBLY, VICE VERSA.**

**DTIC NUMBER:**

**CONTRACT NUMBER:**

**SPONSOR:** TRADOC

**PERFORMER:** T/MTRY

**PROJECT TITLE: JOINT LONG RANGE MISSILE SYSTEM STUDY**

PUIC: ATSF0M002      THIS STUDY WILL PROVIDE OPERATIONAL PERFORMANCE AND MISSILE QUANTITY  
DTIC NUMBER:            ESTIMATES IN SUPPORT OF A JOINT SERVICE DAB.  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: FAS

PROJECT TITLE: JOINT TACTICAL FORCE (JTF)-6 ANALYTICAL SUPPORT

PUIC: ATRCWN017 SUPPORT JTF-6. DEVELOP AND USE COMBAT MODELS TO PROVIDE ANALYTICAL  
DTIC NUMBER: SUPPORT TO COUNTER DRUG ACTIVITIES.  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: I/WSMR

PROJECT TITLE: JOINT US/UK THEATER COMMAND AND CONTROL (C2) STUDY

PUIC: ATRCFL012  
DTIC NUMBER: DA338760  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: I/OAC

STUDY EXAMINES ISSUES CONCERNED WITH PROCEDURAL OPERATIONS OF COMBINED C2 STRUCTURES IN NATO & POST-CFE EUROPE AT ECHELONS ABOVE CORPS. STUDY WILL DEVELOP MODELS OF THE NATO C2 STRUCTURES FROM THEATER TO CORPS LEVEL.

PROJECT TITLE: LASER COUNTERMEASURE (LCMS) SYSTEM PHASE 2 COFA

PUIC: ATSHOM004 LOMS PHASE 2 AA WILL ANALYZE THE GOODNESS OF ENHANCEMENTS TO THE LOMS' ABILITY TO DETECT TARGETS BOTH DAY AND NIGHT AND IMPROVEMENTS TO THE LOMS' RANGE. LOMS CAPABILITIES IN SWA AND MOUT WILL BE ANALYZED.

DTIC NUMBER:

CONTRACT NUMBER:

SPONSOR: TRADOC

PERFORMER: T/HWSMR

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-SPONSOR: TRADOC

## PROJECT TITLE: LIGHTWEIGHT 155MM HOWITZER REQUIREMENTS ANALYSIS

PUIC: ATFCN006  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: FAS  
LEGAL MIX VII RECOMMENDED THAT FUTURE LIGHT WEIHT CANNONS HAVE THE CAPABILITY TO SHOOT AND SCOOT IN ORDER TO ENHANCE SURVIVABILITY. THIS STUDY WILL EXAMINE ALTERNATIVE METHODS OF INCREASING SYSTEM SURVIVABILITY. STUDY IS REQUIRED PRIOR TO THE SUBMISSION OF A REQUIREMENTS DOCUMENT.

PROJECT TITLE: LIGHTWEIGHT COLLAPSIBLE PILLOW TANK (PETROLEUM) COEA

PUIC: ATSMCN011  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: OMC&S  
ANALYZE VARIOUS BLADDER TYPE SYSTEMS THAT CAN SUPPLY UNITS BULK QUANTITIES OF FUEL IN EXCESS OF 55 GALLONS AND LESS THAN 500 GALLONS. WILL DEVELOP ALTERNATIVES AND SELECT THE MOST COST EFFECTIVE SYSTEM. THIS STUDY WILL SUPPORT MILESTONE I/III DECISION PLANNED FOR 10 FEB 93.

PROJECT TITLE: LIGHTWEIGHT COLLAPSIBLE PILLOW TANK (PETROLEUM) MPTA

PUIC: ATSMCN012  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: OMC&S  
EVALUATE VARIOUS BLADDER TYPE SYSTEMS THAT ARE ABLE TO SUPPLY UNITS WITH BULK QUANTITIES OF FUEL IN EXCESS OF 55 GALLONS AND LESS THAN 500 GALLONS. THIS STUDY WILL DETERMINE THE BEST WAY TO SUPPLY SMALL QUANTITIES OF BULK FUEL. WILL SUPPORT MILESTONE I/III DECISION.

PROJECT TITLE: LIGHTWEIGHT LASER DESIGNATOR/RANGEFINDER COEA

PUIC: ATSFOM003  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: FAS  
STUDY WILL EXAMINE THE PERFORMANCE, EFFECTIVENESS, COSTS, AND OTHER  
OPERATIONAL ISSUES OF THE FORCE EQUIPPED WITH THE BASE CASE AND LLDR  
ACQUISITION SYSTEMS. LLDR WILL BE ISSUED: 1/FIST, COLT, SCOUT PLATOON HQ,  
AND SCOUTS OF GROUND CAV TROOP AND USMC. DA IPR SCHEDULED 9210

PROJECT TITLE: LIGHTWEIGHT WATER PURIFICATION SYSTEM COEA

PUIC: ATSMCN007  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: OMC&S  
ANALYZE OPERATIONS, SUPPORT, RESEARCH AND DEVELOPMENT OF THE LIGHTWEIGHT WATER PURIFICATION SYSTEM TO DETERMINE THE MOST COST EFFECTIVE ALTERNATIVE TO MEET THE ARMY'S NEEDS. WILL LOOK AT COMMERCIAL SYSTEMS, FOREIGN SYSTEMS, AND ADD NBC DESALINATION CAPABILITIES TO FILTER SYSTEMS.

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: TRADOC-----

PROJECT TITLE: LIGHTWEIGHT WATER PURIFICATION SYSTEM MPTA

PUIC: ATSMCN008  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: QMCBS

ANALYZE MANPOWER, PERSONNEL AND TRAINING AS THEY AFFECT OPERATIONS, SUPPORT, RESEARCH AND DEVELOPMENT OF THE LIGHTWEIGHT WATER PURIFICATION SYSTEM TO DETERMINE THE MOST COST EFFECTIVE ALTERNATIVE TO MEET THE ARMY'S NEEDS: COMMERCIAL/FOREIGN SYSTEMS, NBC UPGRADES, OR DEVELOP NEW SYSTEM.

PROJECT TITLE: LINE-OF-SIGHT ANTITANK & INF ANTIARMOR (LOSAT/IA2) COEA

PUIC: ATRCWK005  
DTIC NUMBER: DA320498  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/WSMR

TO DETERMINE THE PREFERRED INFANTRY ANTIARMOR WEAPONS AND THE PREFERRED MIX OF WEAPON TYPES BASED ON COST AND OPERATIONAL EFFECTIVENESS.

PROJECT TITLE: LONGBOW STATIONARY TARGET IDENTIFICATION STUDY

PUIC: ATZQCM003  
DTIC NUMBER: DA339362  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: AVNC

DETERMINE THE MINIMUM STATIONARY TARGET IDENTIFICATION (STI) CAPABILITY REQUIREMENT OF THE LONGBOW FIRE CONTROL RADAR (FCR). STUDY WILL PERFORM PRIMARYLY A SENSITIVITY ANALYSIS OF LONGBOW PERFORMANCE PARAMETERS VERSUS STATIONARY TARGETS.

PROJECT TITLE: LONGBOW TRAINING IMPACT ANALYSIS

PUIC: ATZQTL001  
DTIC NUMBER: DA338159  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: AVNC

THE LONGBOW TRAINING IMPACT ANALYSIS WILL ADDRESS ISSUES NOT ADDRESSED IN THE LONGBOW MS II CTEA. IT WILL ALSO ATTEMPT TO EVALUATE THE EFFECTIVENESS OF TRAINING PROGRAMS DEVELOPED IN THE MS II CTEA.

PROJECT TITLE: LOW INTENSITY CONFLICT MODEL DEVELOPMENT

PUIC: ATRCFM003  
DTIC NUMBER: DA338763  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/OAC

DEVELOP A CAPABILITY TO MODEL OPERATIONS IN LOW INTENSITY CONFLICT. THIS STUDY FOCUSES ON ACQUIRING THE REGIONAL DEVELOPMENT SIMULATION SYSTEM (RDSS) FROM BOOZ-ALLEN AND ESTABLISHING A PRODUCTION CAPABILITY. NUMEROUS SCENARIOS WILL BE IDENTIFIED AND REVIEWED FOR POSSIBLE INCLUSION.

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: TRADOC-----

PROJECT TITLE: LOW-INTENSITY CONFLICT CAPABILITIES REQUIREMENTS STUDY

PUIC: ATZLSJ001                    COLLECT DATA AND DEVELOP LIC DEFICIENCIES AND SOLUTION ALTERNATIVES AND  
DTIC NUMBER: DA318023                PRIORITY. ASSIST IN DEFINING AND DEVELOPING MEASURES OF EFFICTIVENESS  
CONTRACT NUMBER: DAAL02-90-C00        (MOE) AND CONDUCTING TRADE-OFF ANALYSIS OF SCHOOL PROPOSED SOLUTIONS.  
SPONSOR: TRADOC  
PERFORMER: CAC/CD

PROJECT TITLE: M1A2 TANK CTEA

PUIC: ATSBTM002                    EVALUATE PROPOSED TECHNOLOGICAL IMPROVEMENTS ON THE M1A1 TANK TO DETERMINE  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC                    THE MOST COST-EFFECTIVE TRAINING STRATEGY. IDENTIFY THE STRATEGY WHICH  
PERFORMER: ARMC                    WILL OPTIMIZE INIDIVIDUAL, COLLECTIVE, UNIT, AND INSTITUTIONAL TRAINING  
METHODS.

PROJECT TITLE: MIX ANALYSIS METHODOLOGY

PUIC: ATRCRJ002                    DEVELOP METHODOLOGIES TO PERFORM TRADEOFF ANALYSES OF VARIOUS MIXES OF  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC                    COMBAT SYSTEMS BOTH WITHIN AND AMONG FUNCTIONAL AREAS, ACROSS TIME PERIODS  
PERFORMER: T/WSMR                    AND AGAINST VARIOUS THREATS. RESULTING METHODOLOGIES WILL BE USED TO  
   SUPPORT FORCE STRUCTURE DEVELOPMENT AND COMBAT SYSTEM ACQUISITIONS.

PROJECT TITLE: MLRS FAMILY OF MUNITIONS ANALYSIS

PUIC: ATSFN009                    STUDY OF THE MFOM AND MLRS FORCE STRUCTURE WILL BE CONDUCTED TO DETERMINE  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC                    THE OVERALL OPERATIONAL EFFECTIVENESS OF THE MFOM. STUDY WILL ADDRESS:  
PERFORMER: FAS                    OPTIMAL COMBINATION OF ROCKETS AND MISSILES, PERFORMANCE AND COST TRADE-  
   OFFS, AND THE REQUIRED ENHANCEMENTS TO MLRS.

PROJECT TITLE: MLRS ROCKETS IN CONTINGENCY OPERATIONS

PUIC: ATSFOM004                    STUDY WILL ASSESS THE NEAR-TERM AND FAR-TERM CAPABILITY OF THE MLRS FAMILY  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC                    OF ROCKETS TO PROVIDE FIRE SUPPORT FOR CONTINGENCY OPERATIONS. ANALYSIS  
PERFORMER: FAS                    WILL INCLUDE RANGE REQUIREMENTS, WARHEAD TRADEOFFS AND ENHANCEMENTS TO THE  
   MLRS IN ORDER TO PROVIDE HIGHLY LETHAL, EASILY DEPLOYABLE FIRE SUPPORT.

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

----- SPONSOR: TRADOC -----

PROJECT TITLE: MOBILITY CONCEPT FOR AVIATION MAINT ORG - 2000 AND BEYOND

PUIC: ATSQLM007  
DTIC NUMBER:  
CONTRACT NUMBER: NA  
SPONSOR: TRADOC  
PERFORMER: AVLG

STUDY ADDRESSES MOBILITY DOCTRINE, MOBILITY CRITERIA, MOBILITY NEEDS, MOBILITY ASSETS, AND MOBILITY PROCUREMENT FUNDING FOR THE ARMY AVIATION MAINTENANCE ORGANIZATION FOR THE YEAR 2000 AND BEYOND UNDER AIRLAND OPERATIONS. DATA TO BE USED IN CBRS PROCESS TO FIND SUITABLE VEHICLES.

PROJECT TITLE: MODEL-TEST-MODEL (M-T-M) USING HIGH RESOLUTION COMBAT MODELS

PUIC: ATRCRL004  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/MTRY

REFINE AND IMPROVE THE CURRENT METHODOLOGY TO CONDUCT M-T-M USING HIGH RESOLUTION COMBAT MODELS AND CONDUCT A PROOF OF PRINCIPAL TO EVALUATE THE BENEFITS OF M-T-M TO SYSTEM EVALUATION AND MODELING. IMPROVE COMBAT SIMULATION MODELS THAT ARE USED FOR M-T-M.

PROJECT TITLE: MODELS OF UMT TRAINING

PUIC: ATSCDM001  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: CHAP

STUDY WILL EVALUATE TOOLS AVAILABLE FOR ANALYSIS AND EVALUATION OF THE RELIGIOUS SUPPORT MISSION. IT WILL ALSO DEVELOP STANDARD MODELS FOR TRAINING AT COMBAT TRAINING CENTERS.

PROJECT TITLE: MODULAR SPACE HEATER COEA

PUIC: ATSMCK014  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: QMC&S

DETERMINE THE BEST HEATERS TO BE SELECTED AND FIELDED BY THE ARMY IN ORDER TO CORRECT BDP-IDENTIFIED SAFETY DEFICIENCIES AND MEET MS I/II DECISIONS.

PROJECT TITLE: MODULAR SPACE HEATER SOA

PUIC: ATSMCJ001  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: QMC&S

ANALYZE RESULTS OF MARKET INVESTIGATION FOR SELECTING NON-ELECTRIC SPACE HEATERS TO BE USED IN HEATING ARMY TENTAGE AND OTHER GENERAL PURPOSE TENTS TO CORRECT CURRENT BDP SAFETY DEFICIENCIES.

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: TRADOC-----

PROJECT TITLE: MORALE, WELFARE AND RECREATION

PUIC: ATSGDM006  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: SSC

IN CONSIDERATION OF OPERATION DESERT SHIELD/STORM LESSONS LEARNED, ANALYZE THE ADEQUACY OF CURRENT MWR DOCTRINE. IDENTIFY AND ANALYZE FORCE STRUCTURE AND MATERIEL ISSUES FROM UNIT TO THEATER ARMY LEVEL. STUDY WILL ANALYZE THE FEASIBILITY OF JOINT MWR DOCTRINE/OPERATIONS.

PROJECT TITLE: MULTIBAND RADIO SOA

PUIC: ATZHCL004  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: SIGS

AN UPFRONT STUDY WEIGHING VARIOUS APPROACHES TO SATISFYING SINGLE CHANNEL TACTICAL COMMUNICATIONS REQUIREMENTS. THIS SURVEY WILL LOOK AT COMBINING HF, VHF, UHF AND SATELLITE TRANSMISSION FEATURES INTO A SINGLE RADIO PROVIDING BEYOND-LINE-OF-SIGHT COMMUNICATION SUPPORT.

PROJECT TITLE: MULTIMEDIA INTEGRATION INTO JANUS(A)

PUIC: ATRCRN001  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/MTRY

HYPERMEDIA IS THE COMBINATION OF DIFFERENT TYPES OF MEDIA INTO A SINGLE COHERENT PRESENTATION. THIS STUDY WILL EXPLORE THE FEASIBILITY OF HAVING A VIDEO PLAYBACK SYSTEM IN A REAL TIME VEHICLE SIMULATION. THIS STUDY SUPPORTS THE MODEL-TEST-MODEL EFFORT.

PROJECT TITLE: MULTIPLE LAUNCH ROCKET REPAIRMAN TEA

PUIC: ATRCWJ013  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: MMCS

A PFTEA IS REQUIRED TO ASSESS THE EFFICIENCY AND EFFECTIVENESS OF THE MLRS REPAIRER IN A FIELD ENVIRONMENT. AN INDEPTH EVALUATION IS NEEDED TO IDENTIFY DEFICIENCIES OR INADEQUACIES IN THE TRAINING BASE.

PROJECT TITLE: NON-LINE-OF-SIGHT (NLOS) ANTITANK TRAINING- MODEL INTEGRATION

PUIC: ATRCWM015  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/WSMR

THIS STUDY WILL DETERMINE THE THREAT ARRAY AND PERFORMANCE STANDARDS FOR THE NLOS-AT BASED ON ANALYSIS OF APPROVED SIMULATIONS CONDUCTED FOR THE NLOS-AT COEA. RESULTS WILL BE USED TO DEVELOP TARGET CONFIGURATIONS FOR RANGES AND SIMULATIONS/DEVICES.

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: TRADOC-----

PROJECT TITLE: NON-LINE-OF-SIGHT (NLOS) COMBINED ARMS (CA) COEA

PUIC: ATRCWM013                    EVALUATE THE COST AND OPERATIONAL EFFECTIVENESS OF THE NLOS-CA VARIANTS  
DTIC NUMBER:                         FOR THE MANEUVER BRIGADE IN COMBINED ANTIARMOR AND AIR DEFENSE AGAINST  
CONTRACT NUMBER:                    ROTARY WING AIRCRAFT.  
SPONSOR: TRADOC  
PERFORMER: T/WSMR

PROJECT TITLE: NON-LINE-OF-SIGHT (NLOS) COMBINED ARMS (CA) CTEA

PUIC: ATRCWM014                    IDENTIFY TRAINING STRATEGIES (PROGRAMS AND DEVICES) AND EVALUATE THEIR  
DTIC NUMBER:                         IMPACT ON INDIVIDUAL, COLLECTIVE, UNIT, AND INSTITUTIONAL TRAINING  
CONTRACT NUMBER:                    METHODS BASED ON THE PROPOSED DEVELOPMENT OF AN INFANTRY NLOS-CA SYSTEM.  
SPONSOR: TRADOC  
PERFORMER: T/WSMR

PROJECT TITLE: OBJECTIVE CREW SERVED WEAPON SOA

PUIC: ATSHCM005                    THIS STUDY WILL ANALYZE THE COMPETING TECHNOLOGIES FOR IMPROVING THE CREW  
DTIC NUMBER:                         SERVED INFANTRY WEAPONS IN RANGE AND LETHALITY.  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: INFS

PROJECT TITLE: OBJECTIVE CREW-SERVED WEAPON TIA

PUIC: ATSHTN003                    STUDY SUPPORTS TRAINING DEVELOPMENT FOR THE OBJECTIVE CREW-SERVED WEAPON,  
DTIC NUMBER:                         A MACHINE GUN REPLACEMENT. STUDY WILL EXAMINE THE IMPACT ON INDIVIDUAL  
CONTRACT NUMBER:                    AND COLLECTIVE TRAINING REQUIREMENTS IN THE INSTITUTION AND UNITS,  
SPONSOR: TRADOC                    EMPHASIZING RESOURCE IMPACTS AND DEVICE CHANGES/DEVELOPMENT.  
PERFORMER: INFS

PROJECT TITLE: OBJECTIVE INDIVIDUAL COMBAT WEAPON (OICW) TIA

PUIC: ATSHTN002                    STUDY SUPPORTS TRAINING DEVELOPMENT FOR THE OBJECTIVE INDIVIDUAL COMBAT  
DTIC NUMBER:                         WEAPON, THE RIFLE REPLACEMENT. STUDY WILL EXAMINE THE IMPACT ON  
CONTRACT NUMBER:                    INDIVIDUAL AND COLLECTIVE TRAINING REQUIREMENTS IN THE INSTITUTION AND  
SPONSOR: TRADOC                    UNITS, EMPHASIZING RESOURCE IMPACTS AND DEVICE CHANGES/DEVELOPMENT.  
PERFORMER: INFS

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: TRADOC-----

PROJECT TITLE: OBJECTIVE INDIVIDUAL COMBAT WEAPON COEA

PUIC: ATSHCM003                    THIS STUDY WILL ANALYZE THE TECHNOLOGIES TO MEET FUTURE INDIVIDUAL COMBAT  
DTIC NUMBER:                        WEAPON NEEDS FOR INCREASED ACCURACY, LETHALITY, AND RANGE.  
CONTRACT NUMBER:  
    SPONSOR: TRADOC  
    PERFORMER: INF5

PROJECT TITLE: OPERATIONAL ASSESSMENT OF PALADIN

PUIC: ATSFCN001                    STUDY WILL EXAMINE THE IMPACT OF FIELDING PALADIN USING THE LATEST  
DTIC NUMBER:                        OPERATIONAL TEST RESULTS. STUDY WILL ADDRESS WHAT CHANGES SHOULD BE MADE  
CONTRACT NUMBER:  
    SPONSOR: TRADOC                    TO THE SYSTEM'S EMPLOYMENT CONCEPTS TO MAXIMIZE SYSTEM EFFECTIVENESS AND  
    PERFORMER: FAS                    SURVIVABILITY. ANALYSIS SUPPORTS AN ASARC DECISION SCHEDULED 2QTR93.

PROJECT TITLE: OPERATIONAL MODE SUMMARY - MISSION PROFILE DEVELOPMENT

PUIC: ATSFCLO08                    THIS ANALYSIS WILL DEVELOP AND IMPLEMENT A COMPREHENSIVE AND CONSISTENT  
DTIC NUMBER:                        METHODOLOGY TO DEVELOP WARTIME OMS\MP DATA FOR THE FULL ARRAY OF FIRE  
CONTRACT NUMBER:  
    SPONSOR: TRADOC                    SUPPORT SYSTEMS IN WORLD-WIDE SCENARIOS, TERRAINS AND ENVIRONMENTAL  
    PERFORMER: FAS                    CONDITIONS.

PROJECT TITLE: OPTIMAL COMBAT CONFIGURED LOADS STUDY

PUIC: ATSKCL002                    CONDUCT A STUDY TO DETERMINE THE OPTIMUM ARMY-WIDE COMBAT CONFIGURED LOADS  
DTIC NUMBER:  
CONTRACT NUMBER:  
    SPONSOR: TRADOC                    (CCL) FOR ARMOR, INFANTRY, FIELD ARTILLERY, AIR DEFENSE, AVIATION, AND  
    PERFORMER: MMCS                    ENGINEER UNITS. THE STUDY WILL ALSO ANALYZE THE NEED FOR AN EXPERT SYSTEM  
    TO COMPUTER CCLS.

PROJECT TITLE: ORGANIZATIONAL DEFICIENCIES IN DESERT SHIELD/DESERT STORM

PUIC: ATSCDN001                    IDENTIFY UNITS THAT HAVE UNIT MINISTRY TEAMS AUTHORIZED BY THE MARC, BUT  
DTIC NUMBER:  
CONTRACT NUMBER:  
    SPONSOR: TRADOC                    HAVE NONE IN THEIR TOE AND CORRECT THE BATTLEFIELD DEFICIENCY. CHANGES TO  
    PERFORMER: CHAP                    TOES WILL BE INITIATED AS A RESULT.

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

--SPONSOR: TRADOC

**PROJECT TITLE: P3I SADARM ANALYSIS**

PROJECT TITLE: PACKAGED WATER SYSTEM COEA

PUIC: ATSMCN005 ANALYZE OPERATION, SUPPORT, RESEARCH AND DEVELOPMENT OF THE PACKAGED WATER  
DTIC NUMBER: SYSTEM TO DETERMINE THE MOST COST EFFECTIVE ALTERNATIVE TO MEET THE ARMY'S  
CONTRACT NUMBER: NEEDS. ADAPT COMMERCIAL WATER PACKAGING, DEVELOP MEANS TO FILL AND  
SPONSOR: TRADOC DELIVER FIVE-GALLON CONTAINERS FORWARD.  
PERFORMER: OMC&S

PROJECT TITLE: PACKAGED WATER SYSTEM MPTA

PUIC: ATSMCN006 ANALYZE MANPOWER, PERSONNEL AND TRAINING AS THEY AFFECT OPERATION,  
DTIC NUMBER: SUPPORT, RESEARCH AND DEVELOPMENT OF THE PACKAGED WATER SYSTEM TO  
CONTRACT NUMBER: DETERMINE THE MOST COST EFFECTIVE ALTERNATIVE TO MEET THE ARMY'S NEEDS.  
SPONSOR: TRADOC  
PERFORMER: OMC&S

**PROJECT TITLE: PARAMETRIC RANGING ANALYSIS**

PUIC: ATRCFN004  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/OAC

THIS STUDY WILL EXAMINE THE IMPACT OF CHANGES IN MAJOR SCENARIO PARAMETERS (DEPLOYMENT SCHEDULE, DEPLOYMENT SEQUENCES, TIMING OF ARRIVAL IN THEATER, TIMING OF ENEMY ATTACK, AND OTHERS) ON BATTLE OUTCOMES.

PROJECT TITLE: PATRIOT (POST DEVELOPMENT BUILD) ADA SYSTEM TEAM

PUIC: ATSACK005  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: ADA

THIS PFTEA WILL EVALUATE SOLDIER PROFICIENCY TO DETERMINE IF ANY TRAINING SUBSYSTEM SHORTFALLS EXIST THAT ARE ATTRIBUTED TO INSTITUTIONAL OR UNIT TRAINING FOR PATRIOT. THE STUDY WILL ADDRESS PDB CHANGES & THE IMPACT ON SOLDIER PROFICIENCY. STUDY WILL ALSO PROVIDE INPUT FOR MANPRINT DATA BASE.

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

--SPONSOR: TRADOC

PROJECT TITLE: PATRIOT SYSTEM DS/GS REPAIRER TEAM

PUIC: ATSKEL001  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: MMCS  
ASSESS THE EFFICIENCY AND EFFECTIVENESS OF THE ENTIRE SPECTRUM OF PATRIOT REPAIRER TRAINING BY ASSESSING PERFORMANCE IN A FIELD ENVIRONMENT. AN IN-DEPTH EVALUATION OF CRITICAL TASK PERFORMANCE IS NEEDED TO IDENTIFY AREAS OF DEFICIENCY OR INADEQUACY IN THE 27X TRAINING BASE.

PROJECT TITLE: PHASED AND FOCUSED ENGINEER MISSION STUDY

PUIC: ATSECM012  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: ENGS  
THIS STUDY IS A SEQUENCE OF FOCUSED INVESTIGATIONS. EACH INVESTIGATION WILL USE STANDARD SCENARIOS IN MODELS AND SIMULATIONS TO PROVIDE ANALYTICAL SUPPORT FOR BRANCH PLANNING ANALYSIS, MATERIEL DEVELOPMENT, AND CHANGES IN ORGANIZATION AND DOCTRINE. (THIS IS AN IN-HOUSE STUDY.)

**PROJECT TITLE: PHYSICAL SIMULATION ENVIRONMENT FOR MIL ACQUISITION RESEARCH**

PUIC: ATCRJ006  
DTIC NUMBER:  
CONTRACT NUMBER: M19G1015  
SPONSOR: TRADOC  
PERFORMER: T/WSMR  
DEVELOP AND VALIDATE VISUAL SEARCH AND TARGET ACQUISITION ALGORITHMS FOR USE IN ARMY COMBAT MODELS. BASIC RESEARCH WILL BE PERFORMED BY NASA-AMES CONTRACTOR. SEARCH AND ACQUISITION MODELING WILL BE IMPROVED BY ANALYSIS OF THIS TEST DATA.

PROJECT TITLE: PORTABLE ENGINE TEST SET SOA

PUIC: ATSQLM003  
DTIC NUMBER:  
CONTRACT NUMBER: NA  
SPONSOR: TRADOC  
PERFORMER: AVI G  
AN OPERATIONAL ANALYSIS OF REQUIREMENTS FOR A PORTABLE ENGINE TEST SET FOR USE IN AVIATION MAINTENANCE UNITS. EVALUATE TRADEOFFS ASSOCIATED WITH ALTERNATIVES AND PRODUCE A CONCEPT FORMULATION PACKAGE.

PROJECT TITLE: PRECISE GEODETIC POSITIONING ROMNTS FOR CORPS/EAC/Joint CMDR

PUIC: ATSETM004 IDENTIFIES CORPS, EAC AND JOINT LEVEL REQUIREMENTS FOR PRECISE GEODETIC  
DTIC NUMBER: POSITIONING INFORMATION, SPECIFICALLY THE DETERMINATION OF THE NUMBER OF  
CONTRACT NUMBER: 2D AND 3D ORDER SURVEY POSITIONS REQUIRED AND THE TIMELINE REQUIRED TO  
SPONSOR: TRADOC HAVE THE POSITIONS IN PLACE AT EACH LEVEL. LISTS UNITS THAT REQUIRE INFO.  
PERFORMER: ENGS

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: TRADOC-----

PROJECT TITLE: PREDICTIVE AIRCRAFT MAINTENANCE (PAMS) COEA

PUIC: ATSQLN001                   ANALYZE AIRCRAFT DIAGNOSTICS SYSTEMS THAT ISOLATE MALFUNCTIONS IN  
DTIC NUMBER:                       COMPLEX INTEGRATED AIRCRAFT ELECTRONICS/WEAPONS SYSTEMS. THE GOAL OF THE  
CONTRACT NUMBER:                  ANALYSIS IS TO DETERMINE THE BENEFIT, EFFECTIVENESS, AND COST OF  
SPONSOR: TRADOC                   ALTERNATIVES WITH EMPHASIS ON BEST SYSTEM AT HIGHEST RETURN ON INVESTMENT.  
PERFORMER: AVLG

PROJECT TITLE: PRELIMINARY TRAINING DEVELOPMENT STUDY FOR EMS

PUIC: ATRCWN018                   STUDY WILL EVALUATE THE CURRENT TRAINING PROGRAM OF CONST EQUIPMENT  
DTIC NUMBER:                       CONDUCTED AT INSTITUTIONAL LEVEL & PROVIDE FEEDBACK AS TO WHAT CURRENT  
CONTRACT NUMBER:                 DEFICIENCIES ARE AND TO PURSUE SOLUTIONS TO DEFICIENCIES. INCLUDED IS THE  
SPONSOR: TRADOC                   FEASIBILITY OF DEVELOPING A SIMULATOR FOR M-9 ACE.  
PERFORMER: T/WSMR

PROJECT TITLE: RAH-66 COMANCHE TIA

PUIC: ATZQTL009                   THIS STUDY WILL ADDRESS LH-SPECIFIC TRAINING ISSUES SUCH AS OVERALL  
DTIC NUMBER: DA338160           TRAINING STRATEGIES, EXPECTED PERFORMANCE REQUIREMENTS OF THE USER  
CONTRACT NUMBER:                 POPULATION PROJECTED TRAINING REQUIREMENTS, POTENTIAL TRAINING PROBLEMS,  
SPONSOR: TRADOC                   AND RESOURCE IMPLICATIONS.  
PERFORMER: AVNC

PROJECT TITLE: RECONNAISSANCE AND SURVEILLANCE ANALYSIS

PUIC: ATRCFN011                   THIS STUDY WILL INVESTIGATE THE INTELLIGENCE IMPACTS OF CHANGING THE FORCE  
DTIC NUMBER:                       STRUCTURE AND MISSION OF LONG RANGE SURVEILLANCE UNITS (LRSUS).  
CONTRACT NUMBER:                   
SPONSOR: TRADOC                     
PERFORMER: T/OAC

PROJECT TITLE: RECOVERY VEHICLE REQUIREMENTS AND TECHNOLOGY BASE STUDY

PUIC: ATRCWJ030                   IDENTIFY RECOVERY VEHICLE REQUIREMENTS FOR THE PROJECTED ARMY FORCE  
DTIC NUMBER: DA328961           STRUCTURE FOR THE NEXT 5-20 YEARS, TECHNOLOGY BASE AND OPTIMAL FLEET TO  
CONTRACT NUMBER:                 SATISFY NET REQUIREMENTS. INVESTIGATE REALLOCATION OF ASSETS. RESULTS  
SPONSOR: TRADOC                   WILL SUPPORT O&O PLANS AND BUDGET REQUIREMENTS FOR NEW PROCUREMENTS.  
PERFORMER: ORDS

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: TRADOC-----

PROJECT TITLE: REQUISITE SKILLS TO SUPPORT AVIATION LOGISTICS

PUIC: ATSQLN003  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: AVLG

IDENTIFY THE TOTAL CONTRIBUTION OF THE NCO CREWCHIEF TO THE AVIATION LOGISTICS MISSION. IDENTIFY WAYS IN WHICH THE NCO CREWCHIEF CAN UNLOAD THE POTENTIAL LOGISTICAL SUPPORT ENVISIONED IN THIS MISSION.

PROJECT TITLE: RSTA COEA

PUIC: ATRCHM011  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/WSMR

EVALUATE METHODS TO INCREASE THE EFFECTIVENESS AND SURVIVABILITY OF BATTALION SCOUT ELEMENTS. ADDRESS BOTH MATERIEL AND NONMATERIEL SOLUTIONS. FOCUS ON HOW TO EQUIP AND EMPLOY THE SCOUT PLATOON TO BEST ACCOMPLISH ITS MISSION.

PROJECT TITLE: SADARM COEA UPDATE

PUIC: ATRCSM006  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/SAC

AN UPDATE OF THE SADARM COEA IS NEEDED TO SUPPORT A MILESTONE IIIA DECISION SCHEDULED FOR FEB 93. THE UPDATE WILL EVALUATE CHANGES IN THE THREAT AND COST OF THE PROJECTILE AND THE EFFECTIVENESS OF SADARM IF USED AGAINST NON SP-HOWITZER TARGETS.

PROJECT TITLE: SHOP EQUIPMENT CONTACT MAINT HMMWV HVY VARIANT MOUNTABLE COEA

PUIC: ATSLCL013  
DTIC NUMBER: DA328948  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: ORDS

A THREE PART ANALYSIS CONSISTING OF BENEFIT, EFFECTIVENESS, AND COST. LOTUS, TOPSIS, AND SENSITIVITY ANALYSIS WILL BE USED TO DETERMINE THE FEASIBILITY OF THE FUTURE HHV-CMT (HHV+SECM = HHV-CMT).

PROJECT TITLE: SIMULATOR/SIMULATION BASED TRAINING PROGRAM ANALYSIS

PUIC: ATRCSL001  
DTIC NUMBER: DA330003  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/WSMR

DETAILED COST BENEFIT ANALYSIS AND TRAINING EFFECTIVENESS ANALYSIS IN SUPPORT OF THE PRIORITIZATION AND ACQUISITION OF SIMULATIONS AND SIMULATORS BY THE DCST. EFFORT DETERMINES TRAINING DEVICE OVERLAP AND POTENTIAL OF TADSS FOR OPTEMPO/AMMUNITION SUBSTITUTION AND TRADEOFF.

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: TRADOC-----

PROJECT TITLE: SINCgars FOLLOW-ON ENHANCEMENTS COEA

PUIC: AT7HCN002  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: SIGS  
IDENTIFY AND EVALUATE COST AND OPERATIONALLY EFFECTIVE ENHANCEMENTS TO THE SINGLE CHANNEL GROUND AND AIRBORNE RADIO SYSTEM (SINCgars). AMONG THE NOMINEES ARE GPS, AREA COMMON USER SYSTEM INTERFACE, AND OVER-THE-SHOULDER HANDSET.

PROJECT TITLE: SOUTHCOM THEATER RESOLUTION SCENARIO 1.0

PUIC: ATRCSN008  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/SWC  
SOUTHCOM 1.0 TRS IS A STANDARD THEATER RESOLUTION SCENARIO WHICH DEPICTS A 1999 JOINT TASK FORCE CONDUCTING LOW-INTENSITY ALB OPERATIONS IN SUPPORT OF A FRIENDLY GOVERNMENT RESISTING A 2004 THREAT.

PROJECT TITLE: STANDARD THEATER ARMY COMMAND & CONTROL SYSTEM (STACCS)

PUIC: ATRCFM008  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/OAC  
TO PROVIDE AN ASSESSMENT OF A BASELINE STACCS AT USAREUR DURING REFORGER 92. THE RESULTS OF THE ASSESSMENT WILL PROVIDE DIRECTION FOR FUTURE DEVELOPMENT AND SERVE AS A DATA SOURCE FOR C2 PERFORMANCE MODEL DEVELOPMENT.

PROJECT TITLE: STANDOFF MINEFIELD DETECTION SYSTEM (STAMIDS) CTEA

PUIC: ATRCWN019  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/WSMR  
STUDY WILL DETERMINE THE MOST EFFECTIVE MIX OF UNIT, INSTITUTION, AND DISTRIBUTIVE TRAINING STRATEGIES FOR STAMIDS. STAMIDS IS AN AIRBORNE REMOTE SENSING SYSTEM TO BE EMPLOYED WITH THE UNMANNED AERIAL VEHICLE AND IS CAPABLE OF DETECTING UNPATTEREND, SURFACE OR BURIED MINEFIELDS.

PROJECT TITLE: STATISTICAL AND EXPERIMENTAL DESIGN SUPPORT

PUIC: ATSLCL006  
DTIC NUMBER: DA329021  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: ORDS  
INVESTIGATE THE CAPABILITIES OF STATISTICAL ANALYSIS SYSTEM (SAS) TO SPT SUPPORT THE WHEELED ARMORED MAINTENANCE VEHICLE, RECOVERY VEHICLE, AND OTHER SYSTEMS IN THE AREA OF RAM-D. APPLICATIONS WILL BE DEVELOPED AND TESTED IN FORTRAN. REPORTS WILL BE SUBMITTED ON VALUE.

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

----- SPONSOR: TRADOC -----

PROJECT TITLE: STINGER FIGHTING VEHICLE (SFV) TEA

PUIC: ATSAAN001  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: ADA

THIS STUDY WILL EVALUATE INDIVIDUAL SOLDIER AND CREW PROFICIENCY TO DETERMINE IF ANY TRAINING SUBSYSTEM SHORTFALLS EXIST THAT ARE ATTRIBUTED TO INSTITUTIONAL OR UNIT TRAINING FOR THE SFV.

PROJECT TITLE: STUDIES DATABASE ANALYTICAL SUPPORT

PUIC: ATSLCL003  
DTIC NUMBER: DA329019  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: ORDS

THIS STUDY WILL IDENTIFY POTENTIAL DATA BASES FOR USE IN SUPPORT OF BMS STUDIES. WILL CATEGORIZE AND LIST INFORMATION, SUBMIT REPORTS ON ALL DATA BASES RELATED TO BMS. THIS STUDY WILL CONSOLIDATE AND PRODUCE A REFERENCE THAT WILL SUPPORT ANALYTICAL STUDIES.

PROJECT TITLE: TACTICAL UNMANNED GROUND VEHICLE (CALEB) JOINT COEA

PUIC: ATSHCK004  
DTIC NUMBER: DA332266  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/WSMR

AN ABBREVIATED ANALYSIS FOCUSING ON THE COST-BENEFIT OF ROBOTICS IN THE INFANTRY. STUDY WILL SUPPORT A PROGRAM MILESTONE I REVIEW. EFFECT WILL REVIEW A FAMILY OF SYSTEMS. THE CANDIDATES WILL BE PROVIDED BY AN AMC BEST TECHNOLOGICAL APPROACH.

PROJECT TITLE: TACTICAL UNMANNED GROUND VEHICLE (CALEB) TIA

PUIC: ATRCWN016  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/WSMR

STUDY WILL ADDRESS THE TASKS AND SKILLS REQUIRED TO PROPERLY OPERATE CALEB IN SUPPORT OF COMBAT OPERATIONS. REQUIREMENTS FOR INSTITUTIONAL AND UNIT TRAINING WILL BE ADDRESSED. INSTITUTIONAL TRAINING REQMTS AND/OR LIMITATIONS AND UNIT SUSTAINMENT TRAINING REQMTS WILL BE DEVELOPED.

PROJECT TITLE: TANK AMMUNITION COEA

PUIC: ATSBON002  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: ARMC

STUDY WILL ANALYZE THE COST AND OPERATIONAL EFFECTIVENESS OF CURRENT AND FUTURE ROUNDS TO BE FIELDED ON THE M1A1/M1A2 TANKS. THE STUDY WILL FOCUS IN PARTICULAR ON THE BENEFITS TO BE GAINED FROM THE PROCUREMENT AND FIELDING OF EACH ROUND. STUDY WILL RECOMMEND PRIORITIES FOR DEVELOPMENT.

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: TRADOC-----

PROJECT TITLE: TANK FLEET MIX - GRAY THREAT ANALYSIS

PUIC: ATSB \_\_\_\_\_  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: ARMC

ANALYSIS WILL EXAMINE US TANK FLEET CAPABILITIES AGAINST GRAY THREATS. ISSUES ADDRESSED INVOLVE TANK MODERNIZATION STRATEGY, OPTIMAL FLEET MIX AND TANK COMPONENT STRATEGY COSTS. GRAY THREATS INCLUDE LEOPARD II & II+, LECLERC, CHALLENGER II, JAPANESE TYPE 90, AND MERKANA III & IV.

PROJECT TITLE: THE ENHANCED INTEGRATED SOLDIER SYSTEM (TEISS) COEA

PUIC: ATSHCM006  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: INF5

STUDY WILL DETERMINE THE CHARACTERISTICS AND PERFORMANCES REQUIRED TO SATISFY THE ARMY'S NEED FOR A SYSTEM WHICH WILL ENHANCE LETHALITY, C2, SURVIVABILITY AND MOBILITY OF SOLDIERS. STUDY WILL COMPARE CURRENT SYSTEM TO COMPETING TEISS APPROACHES. STUDY SUPPORTS DA IPR (9406).

PROJECT TITLE: THE ENHANCED INTEGRATED SOLDIER SYSTEM (TEISS) TIA

PUIC: ATSHTN001  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: INF5

TEISS WILL ENHANCE LETHALITY, COMMAND AND CONTROL, SURVIVABILITY, MOBILITY AND SUSTAINABILITY OF SOLDIERS. STUDY WILL EXAMINE THE IMPACT OF THIS SYSTEM ON INDIVIDUAL AND COLLECTIVE TRAINING REQUIREMENTS IN THE INSTITUTION AND UNITS, EMPHASIZING RESOURCE IMPACTS AND DEVICE CHANGES.

PROJECT TITLE: THEOLOGICAL CORE OF THE CHAPLAINCY

PUIC: ATSCDL005  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: CHAP

THE STUDY WILL DETERMINE IF THERE CAN BE A PARTIAL RELIGIOUS (THEOLOGICAL) DEFINITION OF THE CHAPLAINCY'S MINISTRY THAT IS COMMON FOR ALL AMERICANS (I.E., THE WIDELY DIVERSE RELIGIOUS PLURALISM OF THE CHAPLAINCY'S CONSTITUENCY).

PROJECT TITLE: TOW FOLLOW-ON TRAINING EVALUATION - PHASE II

PUIC: ATRCWN015  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/WSMR

STUDY WILL EXAMINE THE EFFECTS OF IMPROVED TRAINING PROGRAMS AND DEVICES ON TOW GUNNER AND LEADER PROFICIENCY. MEMO FROM MG FORSTER DATED 25FEB91 REQUIRES THE ASSESSMENT BE PROVIDED TO THE DCSOPS AND THE DUSA(OR).

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----  
SPONSOR: TRADOC  
-----

PROJECT TITLE: TRAC AUTOMATED DATABASE SYSTEM

PUIC: ATRCRJ001  
DTIC NUMBER: DA318329  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/SAC

TO DEVELOP A GROUP OF FUNCTIONAL AREA DATA BASES CONTAINING THE PERFORMANCE DATA NECESSARY TO SUPPORT TRAC COMBAT MODELS. A SET OF INGRES APPLICATIONS WILL BE DEVELOPED TO ACCESS AND TRANSFORM THE FUNCTIONAL DATA BASES INTO INPUT DATA FOR SPECIFIC MODELS.

PROJECT TITLE: TRAINING DEVELOPMENT PRODUCT COST

PUIC: ATRCWM016  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/WSMR

DEVELOP INITIAL COST AND PROVIDE A METHODOLOGY TO ESTIMATE RESOURCES NEEDED TO COMPLETE THE TRAINING DEVELOPMENT PROCESSES AND PRODUCTS.

PROJECT TITLE: TRAINING OF BRANCH SPECIFIC TASKS IN AN NBC ENVIRONMENT

PUIC: ATZNOM006  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: OMLS

ASCERTAIN THE LEVEL OF INSTITUTIONALIZATION OF NBC TRAINING IN THE SERVICE SCHOOLS USING THE SYSTEMS APPROACH TO TRAINING.

PROJECT TITLE: TRAINING REQUIREMENTS MODELING STUDY

PUIC: ATZQTL002  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: AVNC

A TRAINING REQUIREMENTS MODEL WILL BE DEVELOPED AND DOCUMENTED FOR CERTIFICATION. THE MODEL WILL CALCULATE TRAINING RESOURCE REQUIREMENTS FOR VARIOUS AIRCRAFT CONFIGURATIONS AND TRAINING PROGRAMS.

PROJECT TITLE: UNIT MOVEMENT OFFICER VIDEO TELETRAINING (VTT)

PUIC: ATRCWL020  
DTIC NUMBER:  
CONTRACT NUMBER: DABT6087C2776  
SPONSOR: TRADOC  
PERFORMER: T/WSMR

DA IG EVALUATION OF RC UNITS REVEALED DEFICIENCIES IN MOBILIZATION AND DEPLOYMENT SKILLS. IN COORDINATION WITH FORSCOM, TSCH IS DESIGNING AND DEVELOPING UNIT MOVEMENT OFFICER COURSE FOR DELIVERY TO CONUSA VIA VTT. THE COURSE WILL BE EVALUATED AS ONE OF THE DT PILOT PROGRAMS.

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: TRADOC-----

PROJECT TITLE: UNIT NBC DEFENSE OPERATIONS IN AIRLAND OPERATIONS - TRAINING

PUIC: ATZNOM005                    THIS STUDY WILL DEFINE THE OPERATIONAL REQUIREMENTS FOR ADDITIONAL DUTY  
DTIC NUMBER:                        NBC PERSONNEL TO SUPPORT UNIT OPERATIONS ON THE ALO.  
CONTRACT NUMBER:  
    SPONSOR: TRADOC  
    PERFORMER: CMLS

PROJECT TITLE: UNIV OF NO DAKOTA ROTARY WING AVIATOR TRAINING PGM TEA

PUIC: ATRCWN013                    STUDY WILL EVALUATE AND COMPARE ONGOING ARMY-SPONSORED AVIATOR TRAINING  
DTIC NUMBER:                        PROGRAMS LOCATED AT USAAVNC AND AT UNIV OF NORTH DAKOTA. TRAINING  
CONTRACT NUMBER:                    EFFECTIVENESS AND COST WILL BE EXAMINED FOR BOTH PROGRAMS. FEEDER REPORTS  
    SPONSOR: TRADOC                    WILL BE PUBLISHED ANNUALLY WITH A CAPSTONE REPORT PRODUCED BY END OF FY97.  
    PERFORMER: T/WSMR

PROJECT TITLE: VALIDATION & UPDATE OF COMMUNICATIONS DATABASE (CDB)

PUIC: ATZHCN001                    COMPARE COMMUNICATIONS REQUIREMENTS AS STATED IN THE COMMUNICATIONS DATA  
DTIC NUMBER:                        BASE (CDB) WITH ACTUAL COMMUNICATIONS DURING FORCE-ON-FORCE BATTLES AT THE  
CONTRACT NUMBER:                    VARIOUS COMBAT TRAINING CENTERS (CTCS). ANALYSIS OF ACCURACY OF CURRENT  
    SPONSOR: TRADOC                    CDB NEEDLINES AND RECOMMENDATIONS FOR MODIFICATIONS TO THAT DATA BASE.  
    PERFORMER: SIGS

PROJECT TITLE: VEHICLE-MOUNTED MAINTENANCE SUPPORT (VMMSS) SOA

PUIC: ATSQLN004                    IDENTIFY CHARACTERISTICS OF A SYSTEM TO PROVIDE PROTECTION FOR FORWARD  
DTIC NUMBER:                        SUPPORT TEAMS PROVIDING DEDICATED MAINTENANCE TO AVIATION MANEUVER UNITS.  
CONTRACT NUMBER:                    DETERMINE REQUIREMENTS FOR THE SUPPORT VEHICLE PERFORMANCE AND AID IN  
    SPONSOR: TRADOC                    FINAL CONCEPT DEVELOPMENT.  
    PERFORMER: AVLG

PROJECT TITLE: VIC ADA IMPROVEMENT

PUIC: ATRCFN009                    OBJECTIVE IS TO DEVELOP AN IMPROVED ADA REPRESENTATION IN VIC. SUBJECT  
DTIC NUMBER:                        MATTER EXPERTS WILL CONDUCT A "PEELBACK" OF CURRENT VIC ADA ALGORITHMS  
CONTRACT NUMBER:                    AND FUNCTIONAL PROCESSES.  
    SPONSOR: TRADOC  
    PERFORMER: T/OAC

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

----- SPONSOR: TRADOC -----

PROJECT TITLE: VIC CHECKPOINT-MODIFY-RESTART

PUIC: ATRCFN007  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/OAC

THIS PROJECT WILL DEVELOP AN EXTENSION TO EXISTING SIMSCRIPT CHECKPOINT-RESTART COMPILER OPTION ENABLING MODIFICATION TO THE SCENARIO/STUDY DATA FOLLOWING A SIMULATION CHECKPOINT. THIS EXTENSION WILL BE APPLIED TO LARGE SIMSCRIPT MODELS SUCH AS VIC, CASTFOREM AND CORPS BATTLE SIMULATION.

PROJECT TITLE: VIC CSS MODEL DEVELOPMENT

PUIC: ATRCLM004  
DTIC NUMBER: DA328944  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/LEE

THIS STUDY ADDRESSES CHANGES IN CSS REPRESENTATION DUE TO EMERGING CONCEPTS. THE STUDY WILL INCLUDE DEVELOPMENT OF PRE- AND POST-PROCESSORS TO ENHANCE MODEL UTILITY IN SUPPORT OF STANDARD SCENARIO DEVELOPMENT, COEAS, AND CSS SENSITIVITY ANALYSES.

PROJECT TITLE: VIC DEVELOPMENT

PUIC: ATORCF007  
DTIC NUMBER: DA312542  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: T/OAC

RELEASE OF VIC 6.0 (9305): IMPROVEMENTS TO CONVENTIONAL ARTILLERY METHODOLOGY, SMOKE & OBSCURANTS, ADA PEELBACK, IEWFAM AND C3 REPRESENTATION. CONFIGURATION CONTROL AND PROPONENT RESPONSIBILITIES WILL CONTINUE IN FY93.

PROJECT TITLE: VIC/CAMEX GRAPHICS SUPPORT FOR LA MANEUVERS

PUIC: ATRCFN008  
DTIC NUMBER:  
CONTRACT NUMBER: TBD  
SPONSOR: TRADOC  
PERFORMER: T/OAC

PROJECT WILL DEVELOP A SIMGRAPHICS BASED GRAPHICS SYSTEM TO AUGMENT THE VIC/CAMEX SOFTWARE. THIS PROJECT WILL BE USED IN DIRECT SUPPORT OF LOUISIANA MANEUVERS AND WILL FOCUS ON PROVIDING UNIFORM MAP DISPLAY CAPABILITY BETWEEN TACHWAR, CAMEX AND VIC.

PROJECT TITLE: XM943 STAFF COEA

PUIC: ATSBGN003  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TRADOC  
PERFORMER: ARMC

STUDY WILL ANALYZE THE COST AND OPERATIONAL EFFECTIVENESS OF THE XM943 STAFF ROUND. IT WILL FOCUS IN PARTICULAR ON THE BENEFITS TO BE GAINED FROM THE PROCUREMENT AND FIELDING OF THE ROUND VS COMBAT EFFECTIVENESS FROM THE CURRENT M829A1 AND M830 TANK ROUNDS.

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: TSG-----

PROJECT TITLE: ACCESS TO CIVILIAN DENTAL CARE FOR ARMY FAMILY MEMBERS

PUIC: DASGZL  
DTIC NUMBER: DA329022  
CONTRACT NUMBER:  
SPONSOR: TSG  
PERFORMER: HCSCIA

PROJECT TITLE: ALCOHOL & DRUG ABUSE PREVENTION & CONTROL PROGRAM EFFECTIVENESS STUDY

PUIC: DASGMN003  
DTIC NUMBER: DA328866  
CONTRACT NUMBER:  
SPONSOR: TSG  
PERFORMER: HCSCIA

EXAMINE THE EFFECTIVENESS OF THE ALCOHOL AND DRUG ABUSE PREVENTION AND CONTROL PROGRAM (ADAPC). PROGRAM TREATED APPROXIMATELY 41,000 PERSONS AND COST IN EXCESS OF 40 MILLION DOLLARS IN FY89. PROVIDE DATA ON TREATMENT POPULATION AND PROGRAM EFFECTIVENESS EXAMINING EXISTING DATA BASES AND POTENTIAL SURVEY.

PROJECT TITLE: AMBULATORY CLASSIFICATION EVALUATION STUDY (FORMERLY "PMS")

PUIC: DASGZF001  
DTIC NUMBER: DA305757  
CONTRACT NUMBER:  
SPONSOR: TSG  
PERFORMER: HCSCIA

STUDY REPRESENTS THE EVOLUTION OF AMEDD PERFORMANCE MEASUREMENT STUDY EVALUATION OF AN OUTPATIENT CLASSIFICATION SYSTEM WHICH CAN BE USED WITH THE PROSPECTIVE PAYMENT SYSTEM FOR ALL MILITARY HOSPITALS. FURTHER REPORTS PROJECTED ON AMBULATORY CLASSIFICATION GROUPS AND AMBULATORY PATIENT GROUPS.

PROJECT TITLE: DELPHI STUDY OF ANC RESEARCH PRIORITIES

PUIC: DASGZK004  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TSG  
PERFORMER: HCSCIA

RESULTS OF THE STUDY WILL PROVIDE A RESEARCH-BASED PRIORITIZATION OF NURSING RESEARCH STUDY TOPICS FOR THE ARMY NURSE CORPS. WILL ASSIST IN DEVELOPMENT OF THE CORPS' RESEARCH PROGRAM.  
PRINCIPAL INVESTIGATOR TRANSFERRED  
FINAL REPORT IN PROGRESS.

PROJECT TITLE: DENTAL EXPERIENCE DURING OPERATION DESERT SHIELD

PUIC: DASGMN001  
DTIC NUMBER: DA328868  
CONTRACT NUMBER:  
SPONSOR: TSG  
PERFORMER: HCSCIA

ALL FIELD DENTAL TREATMENT RECORDS IN SAS DATABASE & ANALYSIS PROCEEDING. DATA FROM PRE-& POST-DEPLOYMENT RECORDS HAVE BEEN COLLECTED; WILL BE INTEGRATED INTO DATABASE. A SAMPLE OF 1200 RECORDS FOR SOLDIERS DEPLOYED WITH 101ST AIRBORNE BEING ABSTRACTED TO SERVE AS CONTROLS IN ANALYSIS.

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----  
SPONSOR: TSG  
-----

PROJECT TITLE: DENTAL NEEDS OF ACTIVE DUTY PERSONNEL

PUIC: DRDUM2  
DTIC NUMBER: DA308915  
CONTRACT NUMBER:  
SPONSOR: TSG  
PERFORMER: HCSCIA

FINAL REPORT VOLUME I (SAMPLE & METHODOLOGY) IS PENDING APPROVAL. VOLUME II (DENTAL FITNESS CLASSIFICATION) IS NEARING COMPLETION. PROJECTED COMPLETION DATE SEPTEMBER 1993.

PROJECT TITLE: EVALUATION OF COMBAT STRESS TRAINING

PUIC: DASGZG003  
DTIC NUMBER: DA310022  
CONTRACT NUMBER:  
SPONSOR: TSG  
PERFORMER: HCSCIA/AHS

ARMY WIDE SURVEYS CONDUCTED IN SPRING 88 & FALL 90 TO DETERMINE SOURCES OF ESS TRAINING AND THE KNOWLEDGE OF COMBAT STRESS CASUALTY MANAGEMENT. RESULTS USED TO DETERMINE IF STRESS TRAINING PACKAGES ARE BEING USED. NATO RESEARCH STUDY GROUP ONGOING. STRESS WORKSHOP ON DESERT STORM LESSON S LEARNED CONDUCTED SEPT 1991.

PROJECT TITLE: ISSUES RELATING TO ACCESSION, TRAINING & UTILIZATION OF DENTISTS

PUIC: DASGL  
DTIC NUMBER: DA329023  
CONTRACT NUMBER:  
SPONSOR: TSG  
PERFORMER: HCSCIA

STUDY FOCUSES ON EVALUATING SUCCESS OF PARTICIPANTS IN THE ARMY DENTAL CORPS ADVANCED EDUCATION IN GENERAL DENTISTRY TRAINING PROGRAM. FACTORS ASSOCIATED WITH AN INDEX OF SUCCESS WILL BE DETERMINED AND RESULTS WILL AID THE GRADUATE EDUCATION OFFICE IN THE SELECTION OF FUTURE PARTICIPANTS.

PROJECT TITLE: LABOR AND DELIVERY ACUITY-BASED NURSE STAFFING SYSTEM STUDY

PUIC: DASGMN006  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TSG  
PERFORMER: HCSCIA

DETERMINATION OF STAFFING REQUIREMENTS IN LIGHT OF MILITARY & CIVILIAN DRAWDOWN IS CRITICAL TO AMEDD MISSION. RESULTS EXPECTED A METHODOLOGY FOR DETERMINING A DAILY STAFFING SYSTEM FOR L&D BASED ON PATIENT ACUITY.

PROJECT TITLE: OCCUPATIONAL REHABILITATION DEVELOPMENT STUDY

PUIC: DASGZK005  
DTIC NUMBER: DA328919  
CONTRACT NUMBER: OPM-87-9002  
SPONSOR: TSG  
PERFORMER: HCSCIA

STUDY IS DESIGNED TO DEMONSTRATE THE EFFECTS OF TWO, CONTRASTING MODELS OF CASE MANAGEMENT UPON FECA COSTS AT FORTS BLISS & KNOX. IT WILL ALSO EXAMINE EFFECTS OF THE MODELS UPON THE RETURN-TO-DUTY RATE OF INJURED SOLDIERS. RESULTS TO BE USED TO SUPPORT ORGANIZATION STRUCTURES, POLICIES, STATIONING PATTERNS, & SERVICE DELIVERY PROTOCOLS. POTENTIAL FOR ALL DOD.

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-SPONSOR: TSG

**PROJECT TITLE: POST ANESTHESIA CARE UNIT ACUITY-BASED NURSE STAFFING SYSTEM STUDY**

PUIC: DASGMN007  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: TSG  
PERFORMER: HCSCIA

NURSE STAFFING REQUIREMENTS FOR PACU ARE CURRENTLY BASED ON NUMBER OF SURGICAL PROCEDURES, NOT PATIENT ACUITY. STUDY RESULTS EXPECTED TO ESTABLISH A METHODOLOGY FOR DETERMINING DAILY STAFFING SYSTEM FOR PACU BASED ON PATIENT ACUITY.

**PROJECT TITLE: PREVALENCE OF HAND PROBLEMS & PAIN AMONG US ARMY DENTAL PERSONNEL**

PUIC: DASGMN002  
DTIC NUMBER: DA328867  
CONTRACT NUMBER:  
SPONSOR: TSG  
PERFORMER: HCSCIA  
5000 SURVEYING INSTRUMENTS MAILED; TO DAT 4000 RETURNED. A SECOND  
MAILING IS IN PROGRESS. RETURNED INSTRUMENTS ARE BEING KEY PUNCHED.  
SOFTWARE FOR DATABASE CLEAN UP & ANALYSIS BEING DEVELOPED.

**PROJECT TITLE: PREVALENCE OF PEACETIME DENTAL EMERGENCIES AMONG SOLDIERS**

PUIC: DASGZL  
DTIC NUMBER: DA329024  
CONTRACT NUMBER:  
SPONSOR: TSG  
PERFORMER: HCSCIA

STUDY FOCUSES ON PEACETIME DENTAL EMERGENCIES AMONG ACTIVE DUTY SOLDIERS.  
THE PURPOSE OF THE STUDY IS TO ACCESS THE PREVALENCE OF DENTAL EMERGENCIES  
AND THE COSTS IN TIME AND MONEY TO ARMY UNITS AND THE DENTAL CARE SYSTEM.

PROJECT TITLE: VALIDATION OF COHESION MEASURES FOR THE TOTAL ARMY

PUIC: DASGZI010  
DTIC NUMBER: LA309996  
CONTRACT NUMBER:  
SPONSOR: TSG  
PERFORMER: HSCIA  
COHESION MEASURES FOR RESERVE AND ACTIVE DUTY UNITS EXAMINED. COORDINATION WITH ARI AND WESTAT ONGOING. UNIT SURVEYS DEVELOPED. COHESION MEASURES TESTED DURING 1989-1990. PSYCHOMETRICS BEING ANALYZED. COORDINATION WITH NATO RESEARCH STUDY GROUP ONGOING. SELECTED RESERVE MEDICAL PERSONNEL ASSESSED DURING DESERT STORM.

**PROJECT TITLE: WORKLOAD MANAGEMENT SYSTEM FOR NURSING REVISION STUDY**

**PUIC:** DASGMN005      **RESEARCH WILL DEVELOP ACUITY-BASED PCS & DAILY STAFFING SYSTEM FOR DOD.**  
**DTIC NUMBER:** DA329025      **RESEARCH INCLUDES 7 CLINICAL AREAS: CRITICAL CARE, MED-SURG, PSYCHIATRIC,**  
**CONTRACT NUMBER:**      **OB/GYN, PEDIATRIC, NEWBORN NURSERY, & NEONATAL INTENSIVE CARE UNIT.**  
**SPONSOR:** TSG      **PROPOSALS UNDER REVIEW BY DASD(HA).**  
**PERFORMER:** HSCIA

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: USACE-----

PROJECT TITLE: ARMY HOUSING STUDY: A STRATEGIC PLAN FOR THE 90s AND BEYOND

PUIC: ESSC M001                   ANALYZE MID-AND LONG-TERM TRENDS FOR ARMY FAMILY HOUSING(AFH) AND DEVELOP  
DTIC NUMBER: PENDING               A WHITE PAPER FOR LEADERSHIP APPROVAL ON HOUSING NEEDS FOR THE TWENTYFIRST  
CONTRACT NUMBER: NA               CENTURY ARMY. PHASE II WILL ANALYZE UNACCOMPANIED PERSONNEL HOUSING, TRANS-  
SPONSOR: USACE                   IENT HOUSING. THE FINAL PHASE WILL DETERMINE THE TYPES OF HOUSING ORGANI-  
PERFORMER: CETEC-ES               ZATIONS THE ARMY WILL NEED TO IMPLEMENT THE RESULTS OF PHASES I AND II.

PROJECT TITLE: ORGANIZATIONAL EVALUATION OF CORPS READINESS MISSIONS

PUIC: ESSC M002                   EXAMINE CURRENT USACE READINESS STRUCTURES, RESOURCES AND PROCEDURES IN  
DTIC NUMBER: PENDING               LIGHT OF THE MAJOR CHANGES WHICH HAVE OCCURED IN THE WORLD OVER THE PAST  
CONTRACT NUMBER: NA               DECADE. DEVELOP AND RECOMMEND AN ORGANIZATIONAL ALIGNMENT THAT IS BETTER  
SPONSOR: USACE                   SUITED TO MEET USACE READINESS MISSIONS FOR 1990s AND BEYOND AT EACH CORPS  
PERFORMER: CETEC-ES               LEVEL (HQS, DIVISIONS AND DISTRICTS).

PROJECT TITLE: ARMY INFORMATION PROCESSING CENTERS

PUIC: ASQBOLO04                   ANALYZE THE ARCHITECTURE AND RECOMMEND IMPROVEMENTS TO THE SYSTEM  
DTIC NUMBER: DA335069               ARCHITECTURE. CONDUCT ANALYSIS OF MULTIPLE SUBJECTS CONCERNING THE AIPCs,  
CONTRACT NUMBER: DAEA1889D0015       NETWORK CONTROL CENTER, AND CONNECTED SATELLITE NODES TO THE AIPC.  
SPONSOR: USAISC  
PERFORMER: SAIC

PROJECT TITLE: INFORMATION STRATEGIES GROUP (ISG)

PUIC: ASQBIK001                   EXAMINE ALTERNATIVE APPLICATIONS AND ADAPTATIONS OF EXISTING OR DEVELOP-  
DTIC NUMBER: DA346143               MENTAL TECHNOLOGIES ON SOFTWARE, HARDWARE, & COMMUNICATION TOPICS. THE  
CONTRACT NUMBER: DAHC3592F0016       SERVICES WILL RESULT IN ENSURING THE MOST EFFFFECTIVE MEANS FOR DEVELOPMENT  
SPONSOR: USAISC                   OF VARIOUS HARDWARE, SOFTWARE, AND COMMUNICATION TECHNOLOGIES ARE  
PERFORMER: ISG                   INVESTIGATED.

PROJECT TITLE: INQUIRY AND RESEARCH SERVICES IN EMERGING TECHNOLOGIES

PUIC: ASQBCM001                   SERVICES ARE NEEDED TO PROVIDE THE SYSTEMS INTEGRATION DIRECTORATE WITH  
DTIC NUMBER: DA335074               CURRENT INFORMATION CONCERNING EMERGING TECHNOLOGIES. AS ISEC'S FOCAL  
CONTRACT NUMBER: DAEA3291P0201       POINT FOR ARCHITECTURAL DEVELOPMENT, SID, IS CONSTANTLY ASKED QUESTIONS  
SPONSOR: USAISC                   BY THE LEADERSHIP CONCERNING INFORMATION SYSTEMS AND RELATED TECHNOLOGIES.  
PERFORMER: GARTNER GROUP

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: USAREUR-----

PROJECT TITLE: ANVIL WARGAME

PUIC: CSCAMN056                          Assesses Operation and Contingency Plan effectiveness for a ground war conducted in Europe under the conditions set by the Blackjack Political-Military game and modified by lessons learned during the Hammer Wargame.  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: USAREUR  
PERFORMER: CAA

PROJECT TITLE: BLACKJACK European Political Military Game

PUIC: CSCAMN058                          Examines issues that may prompt the deployment of US ground forces to the European Theater. Helps define initial state variables and boundary conditions for ground combat.  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: USAREUR  
PERFORMER: CAA

PROJECT TITLE: EUROPE 2000

PUIC: CSCAMN060                          Examines future security environment in Europe for the U.S. military.  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: USAREUR  
PERFORMER: CAA

PROJECT TITLE: EUROPE 93 Pol/Mil Game on the Security Calculus of Europe

PUIC: CSCAMN061                          Examines issues affecting the security of Europe.  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: USAREUR  
PERFORMER: CAA

PROJECT TITLE: Europa 92 Pol/Mil Game on the Sec. Cal. of Europe

PUIC: CSCAMN057                          Examines issues affecting the security of Europe  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: USAREUR  
PERFORMER: CAA

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: USAREUR-----

PROJECT TITLE: HAMMER WARGAME

PUIC: CSCAMN055  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: USAREUR  
PERFORMER: CAA

Assesses operation and contingency plan effectiveness for a ground war conducted in Europe under the conditions set by the BLACKJACK Political-Military Game. Both CEM and CFAW will be used in the assessment.

PROJECT TITLE: KINGFISH EUROPEAN POLITICAL MILITARY GAME

PUIC: CSCAMN059  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: USAREUR  
PERFORMER: CAA

Examines issues that may prompt the deployment of US ground forces to the European Theater. Helps define initial state variables and boundary conditions for ground combat.

PROJECT TITLE: Strategic Wargame Requirements Analysis

PUIC: CSCAMN062  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: USAREUR  
PERFORMER: CAA

Identifies functional and structural changes to the Next Generation Wargame to make it suitable for the analysis of strategic warfare issues.

PROJECT TITLE: SAPPHORO WARGAME

PUIC: CSCAMN063  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: USARJ  
PERFORMER: CAA

Assesses operation and contingency plan effectiveness for a ground war conducted in Japan.

PROJECT TITLE: GANGES Pacific/India Pol/Mil Game

PUIC: CSCAMN065  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: USARPAC  
PERFORMER: CAA

Examines the Army implications of growing Indian influence in the Pacific.

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----  
SPONSOR: USARPAC -----

PROJECT TITLE: Political Environments Sensitivity Pol-Mil Game

PUIC: CSCAMN064                          To explore USARPAC OPLAN sensitivity to alternative political environments with focus on a possible crisis in the Philippines requiring evacuation.  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: USARPAC  
PERFORMER: CAA

PROJECT TITLE: SHALIMAR India/Pakistan Political Military Game

PUIC: CSCAMN066                          Examines the role of the Army in the event of conflict between India and Pakistan.  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: USARPAC  
PERFORMER: CAA

PROJECT TITLE: Balboa 92 Panamanian Political Military Game

PUIC: CSCAMN067                          Political-Military game and Seminar to examine issues surrounding Defense of the Canal Zone.  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: USARSO  
PERFORMER: CAA

PROJECT TITLE: CHAGRES Wargame

PUIC: CSCAMN071                          Assess contingency plans for defense of Canal Zone.  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: USARSO  
PERFORMER: CAA

PROJECT TITLE: Counterdrug Analysis System

PUIC: CSCAMN068                          Study is in support of CINCSOUTH's counterdrug operations. The main effort is to develop a model of the production, processing, and distribution operations of drug manufacturing in the western hemisphere. Resultant analytical tools will provide counterdrug planners with a dynamic flow of information.  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: USARSO  
PERFORMER: CAA

FY 93 ARMY STUDY PROGRAM  
LIST BY SPONSOR

-----SPONSOR: USARSO-----

PROJECT TITLE: Counterdrug Measures of Effectiveness

PUIC: CSCAMN070                  This QRA will develop new measures of effectiveness (MOE) that evaluate how counterdrug operations degrade the drug business. The scope of the analysis will focus on SOUTHCOM's area of operations and it's interaction with the primary drug cartels operating in the region. The analysis will focus on developing MOEs at both the operational and Tac..  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: USARSO  
PERFORMER: CAA

PROJECT TITLE: Counterdrug Model

PUIC: CSCAMN069                  This project will explore the applicability of a large scale network model to investigate optimal utilization of scarce resources in counter-drug interdiction. A hierarchical building block process will be utilized to construct the model, permitting many facets of the drug business to be examined by the same system.  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: USARSO  
PERFORMER: CAA

PROJECT TITLE: GATUN 93 Wargame on the Defense of the Canal Zone

PUIC: CSCAMN072                  Assesses the effectiveness of OPLANS for defense of the Canal Zone.  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: USARSO  
PERFORMER: CAA

PROJECT TITLE: Deep Shadow Wargame

PUIC: CSCAMN075                  Assesses operation and contingency plan effectiveness for the employment of special forces in a multi-theater conflict scenario under initial state and boundary conditions identified in the multi-theater PMG. The Contingency Force Analysis Wargame will be used in the assessment.  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: USARSO COM  
PERFORMER: CAA

PROJECT TITLE: Joint Korean Arms Control Study

PUIC: CSCAMN073                  Studies issues surrounding arms control and arms reduction on the Korean Peninsula.  
DTIC NUMBER:  
CONTRACT NUMBER:  
SPONSOR: USFK  
PERFORMER: CAA

## **APPENDIX A**

### **GLOSSARY**

**Contract Number:** A thirteen position number assigned to study contracts, identifying the purchasing office (1-6), the fiscal year of the contract (8-9), the type of procurement instrument (88, and serial number (10-13).

**Description:** A brief narrative description of the scope of the study effort which provides a summary of the effort and the anticipated results.

**DTIC Number:** The Defense Technical Information Center (DTIC) accession number assigned to each project in the DTIC data base. AR 5-14 requires that all studies be reported to DTIC within 15 days of initiation.

**FPDS CODE:** A four position entry of the Federal Supply Data System class code related to the category of Schedule 10 in which a study is reported.

**Performer:** The organization performing the study.

**Project Unique Identification Code (PUIC):** A nine position code which serves to track study efforts throughout their life-cycles.

**Sponsor:** The MACOM, Command or HQDA staff agency sponsoring the study.

**Status:** A code indicating the status of a study effort as of the date of submission.

**Study:** An analytical effort which provides conclusions and recommendations which help with decisions.

**Title:** A brief descriptive title of the study.

**Use:** The anticipated end use of a planned or on-going study effort. (For further explanation, see list of symbols, at the inside of the back cover).

**THIS PAGE INTENTIONALLY LEFT BLANK**

## **APPENDIX B**

### **ARMY STUDY COORDINATORS**

- 1. Each Army Staff agency and major command has designated a study coordinator whose duties include:**
  - a. Advising the agency head or commander on all matters concerning the conduct and administration of Army Studies and the resources, both dollars and professional staff-years, required for studies.**
  - b. Developing the agency or command Army Study Program and the supporting study budget.**
  - c. Serving as the agency or command point-of-contact for outside agencies on all study matters.**
  - d. Monitoring the agency or command Army study requirements.**
  - e. Assisting Study Advisory Group (SAG) members and study action officers in the management of the individual Army Study efforts.**
- 2. A current listing of Army Study Coordinators is provided in this appendix. Any changes to this list should be reported to the Model Improvement and Study Management Agency (SFUS-MIS), at DSN 246-8073 or commercial (703) 746-8073.**

AGENCY	COORDINATOR	SYMBOL	PH(DSN)	LOCATION
MISMA	MR W. BARR	SFUS-MIS	246-8073	1725 JEFF DAVIS HWY ARLINGTON VA
ASA(M&RA)	MR J. MCGINN	SAMR	227-4092	2E604
ASA(FM)	MR D. GLANDON	SAFM	225-5951	3A682
ASA(RDA)	LTC PETIT	SARDA	224-4560	3E411
ASA(IL&E)	MS K. SMITH	SAILE	224-9046	3E619
SAIS	MR L. SAUNDERS	SAIS-ADO	224-5213	1D638
PA&E	MAJ FULLER	DACS-DPD	227-6436	3C738
CAA	MR M. CLEMENTS	CSCA-MSP	295-1697	8120 WOODMONT AVENUE BETHESDA, MD
OPTEC	DR. MODJESKI	CSTE-MP	756-2367	5600 COLUMBIA PIKE FALLS CHURCH, VA
SDC	MS L. MATTHEWS	DACS-BMP	746-0820	P.O. BOX 15280 ARLINGTON, VA
DCSOPS	MAJ M. HULGAN	DAMO-ZDS	225-1267	3A538
DCSLOG	MR T. REDFERN	DALO-PLP	224-9735	2C558
DCSPER	MR R. KLEMMER	DAPE-ZBR	225-0516	2D735
DCSINT	MS M. MOURAS	DAMI-PII	225-2389	2B457
COE	MS J. LAMROUEX	DAEN-ZCM	225-2221	1E686
NGB	MS P. CONDON	NGB-ARC	746-7800	2D400

AGENCY	COORDINATOR	SYMBOL	PH(DSN)	LOCATION
CAR	DR DEPPE	DAAR-PLO	227-1448	3E382
CCH	MS I. BUTCHER	DACH-PPI	225-1409	1E423
TSG	MS J. RICHARDSON	DASG-HCD	756-8165	BAILEYS CROSSROADS ARLINGTON, VA
USAREUR	LTC WEGLEITNER	AEAGX-OR	370-6415	APO NY 09403
TRADOC	MR B. FREELAND	ATAN-MS	680-5812	FT MONROE, VA
FORSCOM	MS L. ROCHE	FCJ8-REO	797-5176	FT MCPHEARSON, GA
AMC	MR R. MORGAN	AMCAQ	284-8268	5001 EISENHOWER AVE ALEXANDRIA, VA
USAISC	MS J. COUNTESS	AS-RM-MP	879-7971	FT HUACHICA, AZ
USARPAC	MS J. PETERSON	APRM-MC		FT SHAFTER, HI 96858-5100
CIDC	MR R. MILLER	CIRM-M-S	756-1521	5611 COLUMBIA PK FALLS CHURCH, VA
MDW	MR J. DIGGS	ANRM-RE	693-6690	FT MCNAIR WASHINGTON, DC
INSCOM	MS V. REECE	IAFI-CP-C	756-1300	NOLAN BUILDING FT BELVOIR, VA
MEPCOM	DR C. MCCORMICK	MEPCT-P	792-3438	2500 GREEN BAY RD NORTH CHICAGO, IL
USMA	MR MARONEY	MARM-MS	688-4277	WEST POINT, NY
SSI	DR G. GUERTNER	AWCI	242-3230	CARLISLE BRKS, PA

**THIS PAGE INTENTIONALLY LEFT BLANK**

## APPENDIX C

### DOD STUDIES AND ANALYSES POINTS OF CONTACT

The following individuals have been identified by their respective DoD agency as the study and analysis point of contact.

**Office of the Under Secretary of Defense for Policy**  
ATTN: Mr. Edward Rader  
Room 3A748, the Pentagon  
Washington, D.C. 20301  
(703) 697-6301

**Office of the Assistant Secretary of Defense (PA&E)**  
ATTN: Mr. Herbert Puscheck  
Room 2E330, the Pentagon  
Washington, D.C. 20301-1800  
(703)695-0528

**Office of the Assistant Secretary of Defense (Atomic Energy)**  
ATTN: MAJ James Dowig  
Room 3C125, the Pentagon  
Washington, D.C. 20301  
(703) 697-3098

**Organization of the Joint Chiefs of Staff (J-8)**  
ATTN: Mr. Vincent Roske  
Room 1E965, the Pentagon  
Washington, D.C. 20318-8000  
(703) 695-9153

**Chief of Naval Operations**  
ATTN: Mr. Jerome X. Goldschmidt  
Room 4A510, the Pentagon  
Washington, D.C. 20350-2000  
(703) 697-8051

**U.S. Air Force Studies and Analysis Agency**  
ATTN: Dr. R. Wiederkehr  
Room 1D377, the Pentagon  
Washington, D.C. 20330-5420  
(703) 697-2503

**Headquarters, U.S. Marine Corps**  
ATTN: LTC Frank Blair  
Room 2404, Arlington Annex  
Washington, D.C. 20380  
(703) 614-2162

**U.S. Army Model Improvement and Study Management Agency**  
ATTN: Eugene P. Visco  
Suite 808, Crystal Square 2  
1725 Jefferson Davis Highway  
Arlington VA 22202

THIS PAGE INTENTIONALLY LEFT BLANK

## **SYMBOLS**

<b>Symbol</b>	<b>FUNCTIONAL AREA</b>	<b>Symbol</b>	<b>STATUS</b>
1	Structuring	O	Ongoing-Contract has begun
2	Manning	P	Planned-Contract not yet begun
3	Training		
4	Deploying/Mobilizing		
5	Providing Facilities		
6	Managing Information		
7	Equipping		
8	Sustaining		
9	Managing		

<b>Symbol</b>	<b>PERFORMANCE METHOD</b>	<b>Symbol</b>	<b>IMPACT LEVEL</b>
I	In-house resources	1	Primary Impact
C	Contracted resources	2	Secondary Impact
B	Both in-house and contract resources	3	Tertiary Impact